

NORTH ALASKA PENINSULA COMMERCIAL SALMON  
ANNUAL MANAGEMENT REPORT, 1997

4K98-28

By

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and  
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Regional Information Report<sup>1</sup> No. 4K98-28

Alaska Department of Fish and Game  
Commercial Fisheries Management and Development Division  
211 Mission Road  
Kodiak, Alaska 99615

May 1998

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<sup>1</sup>The Regional Information Report Series was established in 1987 to provide an information access system for all unpublished division reports. These reports frequently serve diverse ad hoc informational purposes or archive basic uninterpreted data. To accommodate timely reporting of recently collected information, reports in this series undergo only limited internal review and may contain preliminary data; this information may be subsequently finalized and published in the formal literature. Consequently, these reports should not be cited without prior approval of the author or the Commercial Fisheries Management and Development Division.

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## TABLE OF CONTENTS

	<u>Page</u>
LIST OF TABLES .....	i
LIST OF FIGURES .....	iii
INTRODUCTION .....	1
HARVEST BY SPECIES.....	2
Chinook Salmon.....	2
Sockeye Salmon.....	2
Pink Salmon .....	3
Chum Salmon.....	3
Coho Salmon.....	3
ALASKA PENINSULA AND BRISTOL BAY SALMON OVERLAP AREA .....	3
ESCAPEMENT BY SPECIES.....	4
Chinook Salmon.....	4
Sockeye Salmon.....	4
Pink Salmon .....	5
Chum Salmon.....	5
Coho Salmon.....	5
COMMERCIAL SALMON FISHERY SUMMARY, 1997.....	5
Nelson Lagoon Section .....	5
Bear River and Three Hills Section .....	6
Inik Section .....	7
EMERGENCY ORDERS .....	7
LITERATURE CITED.....	8
TABLES.....	9
FIGURES .....	114

## LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. North Peninsula salmon runs by species, 1962-1997 .....	9
2. North Peninsula salmon harvest by species, week, and section, all gear combined, 1997 .....	13
3. Northern District chinook salmon runs, 1962-1997 .....	19
4. North Peninsula salmon harvest, in number of fish, by district, statistical area, and section, 1997 .....	22
5. Uria Bay Section salmon harvest by species and day, 1997 .....	23
6. Northwestern District sockeye salmon runs, 1962-1997 .....	24
7. Nelson Lagoon Section salmon harvest by species and day, 1997 .....	28
8. Bear River Section salmon harvest by species and day, 1997 .....	30
9. Northern District sockeye salmon runs, 1962-1997 .....	32
10. Three Hills Section salmon harvest by species and day, 1997 .....	36
11. Ilnik Section salmon harvest by species and day, 1997 .....	37
12. Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 1997 .....	39
13. North Peninsula salmon harvest by species and day, 1997 .....	41
14. Northwestern District pink salmon runs, 1962-1997 .....	43
15. Northern District chum salmon runs, 1962-1997 .....	47
16. Northwestern District chum salmon runs, 1962-1997 .....	50
17. North Peninsula coho salmon catches by district and section, 1988-1997 .....	54
18. Salmon escapement survey counts in the North Peninsula, 1997 .....	55
19. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 1997 .....	73

## LIST OF TABLES (Cont.)

<u>Table</u>	<u>Page</u>
20. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 1997 .....	74
21. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Sandy River weir, 1997 .....	76
22. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Ilnik River weir, 1997 .....	77
23. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 1997 .....	78
24. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 1997 .....	80
25. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 1997 .....	84
26. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 1997 .....	86
27. Emergency Order summary for the North Peninsula, 1997 .....	88

## LIST OF FIGURES

<u>Figure</u>	<u>Page</u>
1. North and South Alaska Peninsula with North Peninsula districts depicted .....	114
2. Nelson Lagoon to Strogonof Point reach, with district sections, commercial salmon season opening dates, and major sockeye salmon systems depicted.....	115
3. North Peninsula commercial sockeye salmon harvest, 1962-97.....	116
4. Nelson Lagoon commercial sockeye salmon harvest, 1978-97 .....	117
5. Nelson Lagoon commercial sockeye salmon harvest by week, 1997 .....	118
6. Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1978-97 .....	119
7. Port Moller to Strogonof Point sockeye salmon catch by week, 1997 .....	120
8. Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.....	121
9. North Peninsula indexed sockeye salmon escapement, 1962-97.....	122





## INTRODUCTION

The Alaska Peninsula Salmon Management Area includes the South Peninsula from Kupreanof Point west to Scotch Cap, and the North Peninsula from Cape Sarichef east to Cape Menshikof (Figure 1). This report describes those fisheries that are located on the North Peninsula, which consists of two districts; the Northwestern District consists of waters between Cape Sarichef and Moffet Point, and the Northern District consists of waters between Moffet Point and Cape Menshikof. The Nelson Lagoon to Stroganof Point reach is the primary salmon harvest area on the North Peninsula, and includes most of the Northern District. Within the Nelson Lagoon to Stroganof Point reach are the Nelson Lagoon, Herendeen-Moller Bay, Port Moller Bight, Bear River, Three Hills, and Ilnik Sections. Smaller directed fisheries occur throughout the North Peninsula but are not located within this reach.

Legal gear types in the Northwestern District are purse seine, hand purse seine, drift and set gillnet (ADF&G 1996). By regulation Northern District commercial salmon fishing is permitted with purse seine, drift and set gillnet gear, however, within area gear restrictions exist. The Nelson Lagoon Section is open to drift and set gillnet gear only; the Herendeen-Moller Bay and Port Moller Bight Sections to seine, drift and set gillnet gear; and the Bear River Section to seine and drift gillnet gear. The Three Hills Section is open to drift gillnet gear only; and the Ilnik Section to drift and set gillnet gear.

The commercial salmon season opens by regulation, if escapement warrants, in most of the Northwestern District on June 1 and in most of the Northern District on May 1. The Nelson Lagoon and Bear River Sections open to commercial salmon fishing on May 1, the Three Hills Section opens on June 25, the Ilnik Section from Three Hills east to Unangashak Bluffs on July 5, and east of Unangashak Bluffs to Stroganof Point on July 15 (Figure 2).

While the earliest opening dates are established by regulation, actual fishing time on North Peninsula stocks is based on inseason evaluation of local stock abundance and defined escapement objectives. Sockeye salmon are the primary targeted species for harvest in these waters. During June 1 through September 15, within the Nelson Lagoon to Stroganof Point area, management emphasis is on four sockeye systems: Nelson, Bear, Sandy, and Ilnik Rivers (Figure 2). Nelson and Bear Rivers are the dominant systems. The Alaska Department of Fish and Game (ADF&G) operates weir camps located at Nelson, Bear, Sandy, and Ilnik Rivers provide management staff with daily escapement enumeration used to manage the commercial fisheries.

Local origin sockeye salmon stocks are abundant from Nelson Lagoon to Stroganof Point during June to September (Figure 2). The Nelson River sockeye salmon run begins in mid June, peaks in early July, and is over by mid August. Bear River supports two distinct but overlapping runs; an early run that begins in mid June, peaks in early July and ends in late July; and a late run which starts in the latter part of July, peaks in early August, and ends in September. The Sandy River run commences in mid June, peaks in late June or early July, and ends in late July, while the Ilnik River run timing is earlier and closely parallels the Bear River early run timing.

## HARVEST BY SPECIES

### *Chinook Salmon*

The 1997 commercial chinook salmon harvest of 10,400 fish was below the recent 1987-96 average of 13,200 (Table 1). The highest weekly harvest on the North Peninsula occurred June 14-20 when 3,500 chinook salmon were harvested (Table 2). Overall, catches were below the 1987-96 average in almost all areas (Table 3). The Port Heiden Section chinook catch of 3,700 was the largest catch on the North Peninsula during 1997.

### *Sockeye Salmon*

The 1997 North Peninsula sockeye salmon harvest of 2,151,000 which was well below the 1987-96 average harvest of 2,464,300 (Table 1; Figure 3). Most of the 1997 North Peninsula sockeye harvest occurred in the Nelson Lagoon to Stroganof Point reach, which includes the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections (Table 4).

The fishing season in the Urilia Bay Section was delayed until June 30, in an effort to rebuild the early segment of the run into Christianson Lagoon. In 1997, the sockeye salmon catch in Urilia Bay was 19,300 fish (Table 5).

The 1997 sockeye harvest in the Izembek-Moffet Bay Section was 5,500 fish, which was well below the 1987-96 average of 17,000 sockeye. The total Northwestern District sockeye catch of 58,500 fish, was well below the 1987-96 average of 88,000 fish (Table 6).

The 1997 Nelson Lagoon sockeye harvest was 384,400 fish (Table 4), which is above the 1987-96 average harvest of 337,900 fish (Figure 4). The highest weekly harvest in Nelson Lagoon occurred during June 28-July 4 with a catch of about 133,500 fish (Figure 5). In 1997, 39 permit holders participated in the fishery with the highest daily harvest of 34,200 sockeye on June 30 (Table 7).

The sockeye harvest in the Port Moller to Cape Seniavin reach which includes the Port Moller Bight and the Bear River Sections, was 651,200 fish (Figure 6). The highest weekly harvest (91,000) occurred during July 5-11 (Table 2). Weekly catches of about 40,000 sockeye salmon or more were continuous from late June through August (Figure 7). The highest daily harvest in the Bear River Section was on July 6 with a catch of 21,700 fish (Table 8).

In the Cape Seniavin to Stroganof Point reach, which includes the Three Hills and Ilnik Sections, 1,025,300 sockeye salmon were harvested during 1997, which was similar to the 1987-96 harvest average of 1,038,400 (Figure 6; Table 9). The largest weekly harvest was during July 5-11 with 411,500 fish (Figure 7). Daily peak catches in the Three Hills Section occurred on July 2 (37,200 sockeye salmon; Table 10) and in the Ilnik Section on July 6 (97,000 sockeye salmon; Table 11). The Port Moller to Stroganof Point reach, which includes the Port Moller Bight, Bear River, Three Hills, and Ilnik Sections, combined catch was 1,676,900 sockeye salmon with the largest daily harvest occurring on July 6 when 118,800 sockeye were harvested (Table 12). The highest weekly

harvest of 502,500 sockeye salmon occurred during the period July 5-11, with the majority of the harvest taken in the Cape Seniavin to Strogonof Point reach (411,500; Figure 7). During 1988-97, the sockeye harvest has been about evenly split between the two areas of Port Moller to Cape Seniavin and Cape Seniavin to Strogonof Point. However, in 1997 due to commercial fishery closures for over three weeks (July 5-28) in a large portion of the Bear River Section and the entire Three Hills Section, the 1997 sockeye harvest was not split evenly between the Port Moller to Cape Seniavin reach (39%) and Cape Seniavin to Strogonof Point reach (61%; Figure 6). The entire North Peninsula sockeye salmon peak daily harvest occurred on July 6 (118,800; Table 13).

### *Pink Salmon*

The 1997 North Peninsula pink salmon harvest was 50,700 fish (Table 1). The pink salmon harvest in the Northwestern District in 1997 was only 5,100 salmon (Table 14). North Peninsula pink salmon runs are typically strongest during even years.

### *Chum Salmon*

The 1997 chum salmon harvest was 97,400 fish, well below the 1987-96 harvest average of 196,400 (Table 1). Chum salmon harvests were below the 1987-96 average in all major harvest areas (Tables 15 and 16). The Herendeen-Moller Bay Section reported the most drastic harvest reduction with a harvest of only 4,500 fish compared to the 10 year average of over 42,000 chum salmon. Lack of markets and therefore effort was the reason for the low harvest on the North Peninsula in 1997.

### *Coho Salmon*

The 1997 North Peninsula coho salmon harvest was 94,900, below the 1987-96 average harvest of 185,000 fish (Tables 1 and 17). The largest directed coho fisheries usually occur in Nelson Lagoon, Inik Lagoon, Inner Port Heiden, and Cinder River (Table 2). Coho salmon first appeared (> 1,000 fish per day) in the North Peninsula fishery on August 18 (Table 13), with the largest daily harvest occurring on August 27 (13,500 fish).

## **ALASKA PENINSULA AND BRISTOL BAY SALMON OVERLAP AREA**

The Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Inik Lagoon (Figure 8). The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within traditional harvest locations of Area M. Port Heiden Area T permit holders fished for chinook and coho salmon in the Inner Port Heiden Section and Pilot Point Area T permit holders fished inside the Cinder River Section for chinook and coho salmon (and occasionally small numbers of sockeye salmon) and still participated in the Bristol Bay salmon fisheries.

All effort since 1985 (except one Area M permit holder in 1997) in the Cinder River Section is from Area T permit holders. During every month except July, Area T permit holders are allowed to fish during the open season in the Inner Port Heiden and Cinder River Sections. Area T permit holders are also allowed to fish in Ilnik Lagoon during August and September. Prior to 1990, Area T permit holders were allowed to fish in the Ilnik Section outside of Ilnik Lagoon during August and September.

In 1986, Area T fishers started fishing in the Ilnik and Outer Port Heiden Sections. In 1990, the Board of Fisheries (BOF) eliminated Area T fishers from the Ilnik Section (except inside Ilnik Lagoon) and closed the Outer Port Heiden Section to all commercial salmon fishing operations by both Area M and Area T fishers due to concern over potential interception of coho salmon bound for Inner Port Heiden (Meshik River).

## ESCAPEMENT BY SPECIES

### *Chinook Salmon*

The 1997 indexed total chinook salmon escapement was estimated to be 19,500, which was above the 1987-96 average of 15,400 fish. The indexed total escapement into Nelson River was 6,850 fish (Table 18). Chinook salmon are estimated at Nelson River with both weir and aerial survey counts. Chinook salmon abundance at the Nelson River weir was strong (Table 19). The King Salmon, Bear River, and Sandy River indexed combined chinook escapement was 4,300, the Cinder River escapement was estimated to be 2,300 fish (Table 3). Weir counts at Bear and Sandy Rivers do not accurately estimate the number of chinook salmon since most of the fish spawn below the weir sites or in other tributaries (Tables 20 and 21). Only a few chinook salmon are believed to enter the Ilnik River systems (Table 22).

### *Sockeye Salmon*

The indexed total escapement which included weir counts was 820,000 sockeye salmon (Figure 9), with the 1987-96 average indexed escapement of 945,600 fish (Table 1). The escapement through the weirs at Nelson River (183,000 fish), Bear River (360,000 fish), and Ilnik River (62,000 fish) were strong, and all goals were met or exceeded, while the escapement at Sandy River was weak (38,000 sockeye; Tables 23-26). The Nelson River sockeye escapement goal is 100,000-150,000, Bear River 200,000-250,000 (combined both early and late run), Sandy River 40,000-60,000, and Ilnik River 40,000-60,000 sockeye salmon. The peak daily escapements at the Nelson River weir was on June 30 (18,801; Table 23), Bear River on August 14 (30,877; Table 24). Sandy River peak daily escapement occurred on June 29 (2,537; Table 25). The peak Ilnik River daily escapement was on July 1 (5,714; Table 26).

### *Pink Salmon*

The 1997 North Peninsula total indexed pink salmon escapement was 25,000 fish (Table 1). Odd year pink salmon escapement is typically considerably less than even year escapement.

### *Chum Salmon*

The indexed total chum salmon escapement was 352,000 (Table 1), which met the escapement goal of 350,000 to 700,000 fish. In general, Northwestern District systems were good with the majority of the escapement occurring in the Izembek-Moffet Bay streams (179,500; Table 16). In the Northern District, most of the escapement occurred in the Port Heiden (61,000) and Herendeen-Moller Bay Section (60,200; Table 15). The Herendeen-Moller Bay Section escapement was adequate but substantially below recent year averages.

### *Coho Salmon*

Due to inadequate funding and typical poor fall weather conditions, few coho salmon escapement surveys were flown in 1997. Limited surveys however, indicated that Nelson River and Ilnik Lagoon had good escapements (Table 18). Coho salmon escapement estimates are minimum estimates at best.

## **COMMERCIAL SALMON FISHERY SUMMARY, 1997**

This summary will only include the Nelson Lagoon, Bear River, Three Hills, and Ilnik Sections since the majority of the North Peninsula sockeye harvest occurred in these areas.

### *Nelson Lagoon Section*

The first sockeye harvest in the Nelson Lagoon Section occurred on June 9. Prior to mid June, the Nelson Lagoon Section is managed on the basis of chinook salmon run strength. The weekly fishing period by regulation is three days/week through June 15 and four days/week after June 15 to August 15 and three days/week after August 15. The Nelson River sockeye salmon run was very strong and Nelson Lagoon fishery remained open at least six days per week beginning June 23 through July 31. The interim and season ending escapement goals at Nelson River were all exceeded. The fishery was typically closed one day per week because large numbers of net marked sockeye were observed at the weir and the quality of the escapement deteriorated with continuous fishing. A one day per week closure provided a window for non net-marked sockeye salmon to enter the escapement. The total escapement of sockeye salmon into Nelson River was 183,000, which exceeded the 100,000 to 150,000 goal. After August 15, the Nelson Lagoon Section was managed on the basis of coho salmon.

### *Bear River and Three Hills Sections*

The first delivery occurred in the Bear River Section on June 2. Catches and effort from early to mid June were low. Early escapement counts at Sandy River were weaker than expected and management actions were first taken on June 23 when the commercial salmon fishing season was closed within 2 nautical miles of Sandy River and remained in effect until 6:00 p.m. July 3. The Three Hills Section opens by regulation on June 25 and both the Bear River and Three Hills Sections closed on June 26. Through June 25, the escapement at Bear River was 56,900 sockeye, above the upper interim goal of 40,000 sockeye. The June 30 upper interim goal of 80,000 was met with almost 94,000 sockeye through the Bear River weir as of June 30, therefore, the Bear River and Three Hills Sections were reopened to commercial salmon fishing on June 30. The Sandy River escapement as of June 30 was 10,021 sockeye, meeting the June 30 interim goal of 8,000-12,000 sockeye salmon. Commercial fishing was permitted in the Bear River (except within 2 nautical miles of Sandy River) from June 30 until July 3. On July 3, with the escapement at Sandy River falling behind escapement goals, the closed area around Sandy River was expanded to 4.3 nautical miles northeast and 2 nautical miles southwest of the river terminus. The escapement at Sandy River on July 5 was 15,755 sockeye, which lagged behind the July 4 interim goal of 20,000-30,000 sockeye. The escapement at Bear River on July 5 was 112,123 sockeye which exceeded the July 5 goal of 80,000-100,000 sockeye. Additional fishing time was given in the Bear River area except the closed area around Sandy River was extended on July 5 to 2 nautical miles southwest of Sandy River to Cape Seniavin. The Three Hills Sections was also closed on the basis of Sandy River stocks, a distance of approximately 33 nautical miles. This closure went into effect at 6:00 p.m. July 5 until 6:00 p.m. July 28. All escapement goals at Bear River were exceeded. The season ending escapement goal at Sandy River of 40,000-60,000 sockeye was almost met with the 38,000 sockeye through the weir. The Sandy River weir was pulled on July 26 after the project was extended about 7 days longer than usual because of the weak run..

On July 16, a new escapement period begins at Bear River with an interim escapement objective of 40,000-50,000 by August 5. The Bear River escapement during this period was 53,000 sockeye. Minimal closures in the Bear River Section 2 nautical miles southwest of Sandy River were needed to reach this goal. After being closed since July 5, the northern portion of the Bear River and Three Hills Sections were reopened to commercial salmon fishing on July 28 when the Sandy River run was over. Post August 5, a new interim goal at Bear River begins at 50,000-75,000 sockeye. The Bear River and Three Hills Sections closed to commercial salmon fishing from August 7 to August 14 because of escapement concerns at Bear River. On August 14, a commercial fishery opening was announced for 11:30 a.m. based on early morning strong weir counts and anticipation of a strong count at the weir for the remainder of the day. On August 14, almost 31,000 sockeye passed through the weir. No further sockeye escapement concerns occurred at Bear River throughout the remaining portion of the season that lasted until September 15. All interim and season ending escapement objectives were exceeded. The Bear River weir was pulled on August 25, with a total season escapement (including the post weir estimate) of 360,000 sockeye salmon, exceeding the season ending goal of 200,000-250,000.

### *Ilnik Section*

Prior to July 5 only the Ilnik Lagoon portion of the Ilnik Section is open to commercial salmon fishing. The first delivery in the Ilnik Section was on June 9. Continuous fishing was permitted beginning June 16 to harvest sockeye surplus to the escapement needs. Effort prior to July 5 consisted of 1 set gillnet operator in Ilnik Lagoon. All interim escapement goals, which began on June 15, were exceeded at Ilnik River.

The minimum season ending goal of 40,000 sockeye salmon was met on June 29. On July 5, the Ilnik Section, from the northern Three Hills line to Unangashak Bluffs, opened to commercial salmon fishing as stated in the regulation book. Because of the closure instituted for Sandy River stocks that included the northern portion of the Bear River Section and Three Hills Section, there was considerably more effort "forced" into the Ilnik Section than is typical. The cumulative escapement at the Ilnik River weir through July 4 was 62,661, exceeding the season ending goal of 40,000-60,000. On July 15, the Ilnik Section opened up to Strogonof Point as stated in the regulation book. After July 15, management action in the Ilnik Section was the same as the Bear River and Three Hills Sections, since the Ilnik Section is managed on the basis of Bear River stocks after about July 15 until mid August. On July 17, the Ilnik Section closed to commercial salmon fishing and reopened on July 21. Continuous fishing was permitted in the Ilnik Section from July 21 to August 7 when the Ilnik Section closed from August 8-14 because of weak Bear river escapement. The Ilnik River weir was pulled on July 17 with a final escapement of 82,000 for the season, surpassing the goal of 40,000-60,000 sockeye.

Beginning in mid August when the Ilnik Section is managed on the basis of Ilnik Lagoon coho salmon, effort, weather, and coho market conditions limited the coho salmon harvest. In 1997, there was no directed Ilnik Lagoon coho fishery due to market conditions. Effort outside of Ilnik Lagoon began to decrease around August 24 as tender service and processor availability decreased.

### **EMERGENCY ORDERS**

In 1997, the first emergency order for the North Peninsula was effective on 1 June and the last on 11 September. There were a total of 60 emergency orders concerning North Peninsula fisheries issued in 1997 (Table 27).

## **LITERATURE CITED**

ADF&G (Alaska Department of Fish and Game). 1996. 1996-97 Bristol Bay, Alaska Peninsula, Atka-Amlia, and Aleutian Islands Areas Commercial Fishing Regulations. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.



Table 1. North Peninsula salmon runs<sup>a</sup> by species, 1962-1997.

		Number of Fish					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1962	Catch	5,400	249,700	35,200	31,200	34,900	356,400
	Escapement	4,400	351,200		4,000	150,900	
	Total	9,800	600,900		35,200	185,800	
1963	Catch	3,600	225,200	40,500	6,900	49,900	326,100
	Escapement	6,200	351,000		4,400 <sup>b</sup>	203,200	
	Total	9,800	576,200		11,300 <sup>b</sup>	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement	25,900	419,900		15,100	156,100	
	Total	29,500	670,700		21,900	295,100	
1965	Catch	6,100	199,500	34,500	2,100	69,700	311,900
	Escapement	22,100	238,400		900	49,300	
	Total	28,200	437,900		3,000	119,000	
1966	Catch	5,600	245,300	37,300	16,000	82,800	387,000
	Escapement	8,200	283,300		2,000	149,000	
	Total	13,800	528,600		18,000	231,800	
1967	Catch	5,500	224,700	46,800	700	41,300	319,000
	Escapement	12,200	299,700		700	122,600	
	Total	17,700	524,400		1,400	163,900	
1968	Catch	4,500	237,100	64,900	200	73,500	380,200
	Escapement	15,800	251,300		26,500	250,800	
	Total	20,300	488,400		26,700	324,300	
1969	Catch	4,800	321,300	49,100	100	28,100	403,400
	Escapement	19,500	575,000		4,400	146,800	
	Total	24,300	896,300		4,500	174,900	
1970	Catch	3,800	187,800	26,300	7,900	48,000	273,800
	Escapement	8,300	451,500		11,100	169,800	
	Total	12,100	639,300		19,000	217,800	
1971	Catch	2,200	353,800	8,200	300	64,200	428,700
	Escapement	5,200	435,100		8,600	109,400	
	Total	7,400	788,900		8,900	173,600	
1972	Catch	1,800	179,300	9,700	100	84,700	275,600
	Escapement	5,000	190,200		1,300	124,000	
	Total	6,800	369,500		1,400	208,700	

-Continued-

Table 1. (page 2 of 4)

		Number of Fish					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1973	Catch	2,600	165,400	19,800	100	152,800	340,700
	Escapement	4,300	180,200		200 <sup>c</sup>	122,400	
	Total	6,900	345,600		300 <sup>c</sup>	278,100	
1974	Catch	2,700	246,200	16,800	10,600	34,400	310,700
	Escapement	3,000	332,800		23,000 <sup>c</sup>	105,100	
	Total	5,700	579,000		33,600 <sup>c</sup>	139,500	
1975	Catch	2,100	233,300	28,400	300	8,800	272,900
	Escapement	4,600	516,800		600	109,200	
	Total	6,700	750,100		900	118,000	
1976	Catch	5,000	641,100	26,100	700	73,600	746,500
	Escapement	6,000	532,600		37,300	293,400	
	Total	11,000	1,173,700		38,000	367,000	
1977	Catch	5,500	472,000	34,100	900	129,100	641,600
	Escapement	7,100	541,100		8,500	681,200	
	Total	12,600	1,013,100		9,400	810,300	
1978	Catch	14,300	896,600	63,300	485,200	163,800	1,623,200
	Escapement	13,700	1,213,500		96,800	310,500	
	Total	28,000	2,110,100		582,000	474,300	
1979	Catch	17,100	1,979,200	112,800	5,000	65,700	2,179,800
	Escapement	15,800	1,574,000		9,300	305,300	
	Total	32,900	3,553,200		14,300	371,000	
1980	Catch	16,800	1,397,100	127,900	301,700	700,200	2,543,700
	Escapement	11,000	1,387,600		103,600	769,500	
	Total	27,800	2,784,700		405,300	1,469,700	
1981	Catch	18,900	1,844,300	155,400	11,200	706,800	2,736,600
	Escapement	12,400	1,347,900		6,100	535,200	
	Total	31,300	3,192,200		17,300	1,242,000	
1982	Catch	30,100	1,435,300	238,000	12,300	331,100	2,046,800
	Escapement	20,000	718,400		51,700	457,600	
	Total	50,100	2,153,700		64,000	788,700	
1983	Catch	29,500	2,093,400	75,100	3,400	348,700	2,550,100
	Escapement	25,700	580,300		-4,000	392,600	
	Total	55,200	2,673,700		7,400	741,300	

-Continued-

Table 1. (page 3 of 4)

		Number of Fish					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1984	Catch	23,000	1,734,900	198,600	27,400	796,700	2,780,600
	Escapement	17,700	826,000		56,600	870,200	
	Total	40,700	2,560,900		84,000	1,666,900	
1985	Catch	23,500	2,596,100	176,100	3,100	666,600	3,465,400
	Escapement	12,900	898,100		1,400	344,200	
	Total	36,400	3,494,200		4,500	1,010,800	
1986	Catch	11,700	2,463,700	164,100	22,600	271,200	2,933,300
	Escapement	8,700	580,300		13,300	243,600	
	Total	20,400	3,044,000		35,900	514,800	
1987	Catch	14,200	1,209,400	171,800	3,500	368,700	1,767,600
	Escapement	10,700	556,000		100	510,900	
	Total	24,900	1,765,400		3,600	879,600	
1988	Catch	16,800	1,528,100	234,000	65,200	393,100	2,237,200
	Escapement	11,700	614,900	200-300 <sup>b,c</sup>	43,500	500,300	
	Total	28,500	2,143,000	434-534 <sup>b,c</sup>	108,700	893,400	
1989	Catch	10,900	1,718,700	227,600	4,100	157,200	2,118,500
	Escapement	5,600	814,400	150-250 <sup>b,c</sup>	1,900	212,300	
	Total	16,500	2,533,100	377.6-477.6 <sup>b</sup>	6,000	369,500	
1990	Catch	12,300	2,416,000	193,000	517,700	126,100	3,265,100
	Escapement	7,100	1,032,200	140-175 <sup>b</sup>	132,200	226,400	
	Total	19,400	3,448,200	333.0-368.0 <sup>b</sup>	649,900	352,500	
1991	Catch	9,400	2,391,400	218,300	4,200	191,300	2,814,600
	Escapement	9,600	1,317,300		6,300	303,300	
	Total	19,000	3,708,700		10,500	494,600	
1992	Catch	13,100	3,575,500	206,800	194,400	341,600	4,331,400
	Escapement	6,600	861,300		207,600	351,700	
	Total	19,700	4,436,800		402,000	693,300	
1993	Catch	23,600	3,866,600	64,400	5,300	135,000	4,094,900
	Escapement	13,700	1,003,800		72,800	402,400	
	Total	37,300	4,870,400		78,100	537,400	

-Continued-

Table 1. (page 4 of 4)

Year		Number of Fish					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1994	Catch	19,000	2,752,900	241,200	225,400	83,793	3,354,500
	Escapement	38,400	1,211,400		133,200	480,200	
	Total	57,400	3,964,300		358,600	563,993	
1995	Catch	7,600	3,272,800	135,700	12,200	99,300	3,527,600
	Escapement	24,400	1,077,000		8,200	756,300	
	Total	32,000	4,349,800		20,400	855,600	
1996	Catch	4,900	1,911,100	157,300	53,800	68,000	2,195,100
	Escapement	25,700	967,900		382,600	823,100	
	Total	30,600	2,879,000		436,400	891,100	
1997	Catch	10,400	2,151,000	94,800	50,700	97,400	2,404,300
	Escapement	19,500	820,000		25,000	352,000	
	Total	29,900	2,971,000	94,800	75,700	449,400	
1987-96 Average							
	Catch	13,180	2,464,250	185,010	108,580	196,409	2,970,650
	Escapement	15,350	945,620		98,840	456,690	
	Total	28,530	3,409,870		207,420	653,099	

<sup>a</sup> Escapements are indexed totals.

<sup>b</sup> These figures are very rough extrapolated estimates.

<sup>c</sup> Numbers of fish are in thousands

Table 2. North Peninsula salmon harvest by species, week, and section, all gear combined, 1997.

Catch Dates	Permits	Chinook		Sockeye		Coho		Pink		Chum		
		Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Urilia Bay Section												
28-Jun to 04-Jul	14	34	2	48	18,488	96,979	0	0	388	1,156	354	2,377
05-Jul to 11-Jul	*	*	*	*	*	*	*	*	*	*	*	*
Total	14	35	2	48	19,325	102,241	0	0	388	1,156	370	2,495
Swanson Lagoon Section												
28-Jun to 04-Jul	4	13	2	45	9,155	46,970	0	0	0	0	354	2,112
05-Jul to 11-Jul	7	25	3	81	6,003	38,425	3	18	375	1,088	1,526	10,683
12-Jul to 18-Jul	7	15	0	0	1,938	12,173	1	5	187	541	189	1,434
19-Jul to 25-Jul	13	29	1	18	11,168	69,772	13	97	1,918	6,955	3,632	25,922
26-Jul to 01-Aug	15	28	1	8	5,372	31,661	63	463	1,369	5,019	727	4,984
30-Aug to 05-Sep	*	*	*	*	*	*	*	*	*	*	*	*
Total	20	111	7	152	33,636	199,001	270	1,726	3,849	13,604	6,428	45,135
Bechevin Bay Section												
09-Aug to 15-Aug	*	*	*	*	*	*	*	*	*	*	*	*
06-Sep to 11-Sep	4	6	0	0	0	0	42	325	0	0	13,484	101,152
Total	4	7	0	0	0	0	42	325	867	2,904	14,227	107,106
Izembek-Moffet Bay Section												
05-Jul to 11-Jul	4	8	0	0	1,714	10,315	0	0	0	0	5,628	39,417
12-Jul to 18-Jul	4	14	0	0	1,707	10,338	0	0	0	0	8,605	60,970
19-Jul to 25-Jul	4	10	0	0	929	5,623	0	0	0	0	8,043	56,748
26-Jul to 01-Aug	4	4	0	0	1,143	6,315	0	0	32	97	2,910	23,383
Total	4	36	0	0	5,493	32,591	0	0	32	97	25,186	180,518

-Continued-

Table 2. (page 2 of 6)

Catch Dates	Chinook			Sockeye			Coho			Pink			Chum		
	Permits	Landings	Pounds	Number	Pounds	Number	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Pounds
<b>Black Hills Section</b>															
28-Jun to 04-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12-Jul to 18-Jul	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19-Jul to 25-Jul	7	20	7	126	46,239	7,728	13	78	840	2,672	402	3,026			
26-Jul to 01-Aug	10	23	3	50	33,149	5,770	3	20	806	2,272	501	3,642			
02-Aug to 08-Aug	6	12	1	19	20,341	3,916	13	67	257	752	406	3,041			
09-Aug to 15-Aug	10	19	14	112	13,349	2,571	176	1,119	2,721	9,570	1,056	7,246			
16-Aug to 22-Aug	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>16</b>	<b>75</b>	<b>25</b>	<b>307</b>	<b>117,396</b>	<b>20,741</b>	<b>212</b>	<b>1,340</b>	<b>4,651</b>	<b>15,351</b>	<b>2,374</b>	<b>17,013</b>			
<b>Nelson Lagoon Section</b>															
07-Jun to 13-Jun	20	55	682	10,835	17,487	3,375	0	0	0	0	1	7			
14-Jun to 20-Jun	22	57	628	10,437	43,400	7,404	0	0	0	0	0	0			
21-Jun to 27-Jun	29	145	1,084	19,603	328,925	56,820	0	0	0	0	0	0			
28-Jun to 04-Jul	35	249	517	9,729	801,756	133,496	0	0	0	0	0	18			
05-Jul to 11-Jul	31	205	186	3,602	642,157	110,115	0	0	1	3	27	190			
12-Jul to 18-Jul	33	162	46	808	198,543	34,660	0	0	23	68	236	1,719			
19-Jul to 25-Jul	28	163	13	213	129,238	21,909	2	13	126	393	633	4,379			
26-Jul to 01-Aug	24	99	3	38	50,459	8,707	20	86	42	130	1,321	8,994			
02-Aug to 08-Aug	19	55	0	0	22,695	4,221	161	907	56	181	1,008	7,438			
09-Aug to 15-Aug	21	60	0	0	13,643	2,548	1,559	9,707	255	875	429	2,980			
16-Aug to 22-Aug	27	72	2	27	4,676	849	5,973	46,026	313	1,041	154	1,080			
23-Aug to 29-Sep	28	88	2	45	1,038	204	15,263	112,488	10	33	14	96			
30-Aug to 05-Sep	17	53	1	7	284	62	9,282	76,478	4	13	2	16			
<b>Total</b>	<b>39</b>	<b>1,463</b>	<b>3,164</b>	<b>55,344</b>	<b>2,254,301</b>	<b>384,370</b>	<b>32,260</b>	<b>245,705</b>	<b>830</b>	<b>2,737</b>	<b>3,828</b>	<b>26,917</b>			
<b>Herendeen Bay</b>															
	0	0	0	0	0	0	0	0	0	0	0	0			
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			

-Continued-

Table 2. (page 3 of 6)

Catch Dates	Chinook		Sockeye		Coho		Pink		Chum	
	Permits	Landings	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
<b>Port Moller to Cape Seniavin</b>										
<i>(Includes Port Moller Bight and Bear River Sections)</i>										
May 31-Jun 06	7	10	74	1,515	78	480	0	0	0	18
Jun 07-Jun 13	9	11	78	1,371	591	3,562	0	0	0	144
Jun 14-Jun 20	11	48	1,072	17,378	17,038	99,916	0	0	0	2,899
Jun 21-Jun 27	34	98	251	4,051	57,942	331,709	0	0	4	7,620
Jun 28-Jul 04	66	227	265	4,890	79,822	464,681	0	0	295	15,624
Jul 05-Jul 11	54	224	83	1,725	90,978	540,420	2	12	170	32,476
Jul 12-Jul 18	91	268	30	619	63,073	355,191	1	5	350	32,969
Jul 19-Jul 25	63	213	12	215	50,793	282,130	21	117	522	45,883
Jul 26-Aug 01	69	256	7	137	40,129	218,650	51	333	2,082	49,051
Aug 02-Aug 08	96	308	4	66	43,121	237,881	150	925	2,097	29,321
Aug 09-Aug 15	81	137	3	48	40,073	207,339	215	1,440	1,395	8,619
Aug 16-Aug 22	93	390	7	118	71,027	381,512	1,611	11,632	4,489	10,334
Aug 23-Aug 29	91	318	0	0	53,867	273,487	3,368	24,650	3,365	2,093
Aug 30-Sep 05	39	105	2	12	37,446	183,466	1,075	9,140	649	399
Sep 06-Sep 12	*	*	*	*	*	*	*	*	*	*
Sep 13-Sep19	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>153</b>	<b>2,616</b>	<b>1,888</b>	<b>32,145</b>	<b>651,154</b>	<b>3,605,918</b>	<b>6,586</b>	<b>49,001</b>	<b>15,418</b>	<b>49,596</b>
<b>Cape Seniavin to Stroganof Point</b>										
<i>(Three Hills &amp; Ilnik Sections Combined)</i>										
Jun 07-Jun 13	*	*	*	*	*	*	*	*	*	*
Jun 14-Jun 20	*	*	*	*	*	*	*	*	*	*
Jun 21-Jun 27	22	39	97	1,772	26,704	148,311	0	0	8	582
Jun 28-Jul 04	105	466	437	8,226	157,890	968,145	8	34	69	2,290
Jul 05-Jul 11	130	892	467	9,225	411,521	2,459,620	78	469	747	15,562
Jul 12-Jul 18	105	484	151	3,097	120,436	679,535	83	519	770	7,040
Jul 19-Jul 25	78	385	52	1,290	104,644	591,904	309	1,859	1,514	11,358
Jul 26-Aug 01	86	445	33	548	69,840	399,383	744	5,091	2,925	11,051

-Continued-

Table 2. (page 4 of 6)

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Aug 02-Aug 08	66	262	7	151	38,005	212,687	312	2,079	2,389	7,229	957	6,408
Aug 09-Aug 15	35	45	1	12	8,717	46,835	346	2,427	831	2,463	178	1,182
Aug 16-Aug 22	50	240	0	0	60,617	312,860	6,735	48,031	9,318	31,322	702	4,581
Aug 23-Aug 29	40	97	2	12	23,188	119,140	2,810	22,474	6,095	21,321	193	1,378
Total	139	3,363	1,248	24,361	1,025,727	5,967,157	11,425	82,983	24,666	80,151	9,224	61,432

**Port Moller to Stroganof Point****( Port Moller Bight, Bear River, Three Hills, and Inik Sections Combined)**

May 31-Jun 06	7	10	74	1,515	78	480	0	0	0	0	3	18
Jun 07-Jun 13	10	14	79	1,399	1,239	8,255	0	0	0	0	19	144
Jun 14-Jun 20	12	53	1,072	17,378	21,095	123,960	0	0	0	0	434	2,899
Jun 21-Jun 27	36	157	348	5,823	84,646	480,020	0	0	12	38	1,255	8,202
Jun 28-Jul 04	135	693	702	13,116	237,712	1,432,826	8	34	364	1,060	2,768	17,914
Jul 05-Jul 11	150	1,116	550	10,950	502,499	3,000,040	80	481	917	2,598	7,154	48,038
Jul 12-Jul 18	145	752	181	3,716	183,419	1,034,726	84	524	1,120	3,327	6,037	40,009
Jul 19-Jul 25	116	598	64	1,505	155,437	874,034	330	1,976	2,036	6,025	8,612	57,241
Jul 26-Aug 01	116	701	40	685	109,969	618,033	795	5,424	5,007	15,121	9,013	60,102
Aug 02-Aug 08	111	570	11	217	81,126	450,568	462	3,004	4,486	13,691	5,300	35,729
Aug 09-Aug 15	110	582	4	60	48,790	254,174	561	3,867	2,226	6,713	1,464	9,801
Aug 16-Aug 22	116	630	7	118	131,194	694,372	8,346	59,663	13,807	45,945	2,262	14,915
Aug 23-Aug 29	95	415	2	12	77,055	392,627	6,178	47,124	9,460	32,740	509	3,471
Aug 30-Sep 05	39	105	2	12	37,446	183,446	1,075	9,140	649	2,489	60	399
Sep 06-Sep 12	*	*	*	*	*	*	*	*	*	*	*	*
Sep 13-Sep 19	*	*	*	*	*	*	*	*	*	*	*	*
<b>Total</b>	<b>159</b>	<b>5,979</b>	<b>3,136</b>	<b>56,506</b>	<b>1,676,881</b>	<b>9,573,075</b>	<b>18,011</b>	<b>131,984</b>	<b>40,084</b>	<b>129,747</b>	<b>44,890</b>	<b>298,882</b>

-Continued-



Table 2. (page 5 of 6)

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Inner Port Heiden Section												
May 31-Jun 06	6	7	261	4,522	0	0	0	0	0	0	0	0
Jun 07 Jun 13	12	23	620	11,780	24	144	0	0	0	0	0	0
Jun 14-Jun 20	9	28	1,702	31,190	461	2,963	0	0	0	0	0	0
Jun 21-Jun 27	13	30	1,095	18,789	1,608	11,554	0	0	0	0	3	24
Aug 16-Aug 22	8	17	0	0	106	757	1,839	15,364	0	0	1	6
Aug 23-Aug 29	14	59	0	0	23	165	11,524	95,526	0	0	1	5
Aug 30-Sep 05	12	34	0	0	0	0	5,181	41,449	0	0	0	0
Total	20	198	3,678	66,281	2,222	15,583	18,544	152,339	0	0	5	35
Cinder River Section												
Jun 07-Jun 13	*	*	*	*	*	*	*	*	*	*	*	*
Jun 14-Jun 20	*	*	*	*	*	*	*	*	*	*	*	*
Jun 21-Jun 27	*	*	*	*	*	*	*	*	*	*	*	*
Jun 28-Jul 4	*	*	*	*	*	*	*	*	*	*	*	*
Jul 05-Jul 11	*	*	*	*	*	*	*	*	*	*	*	*
Jul 12-Jul 18	*	*	*	*	*	*	*	*	*	*	*	*
Jul 19-Jul 25	*	*	*	*	*	*	*	*	*	*	*	*
Jul 26-Aug 01	*	*	*	*	*	*	*	*	*	*	*	*
Aug 02-Aug 08	5	12	0	0	788	4,659	70	438	0	0	23	133
Aug 09-Aug 15	16	35	1	24	759	4,744	1,103	8,213	0	0	13	83
Aug 16-Aug 22	27	70	0	0	714	4,233	5,143	40,258	0	0	7	36
Aug 23-Aug 29	27	77	0	0	157	936	14,634	123,527	0	0	3	16
Aug 30-Sep 05	20	50	0	0	34	189	4,485	42,016	0	0	0	0
Total	33	262	340	5,857	8,342	53,764	25,437	214,467	0	0	72	417

-Continued-

Table 2. (page 6 of 6)

Catch Dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Entire North Peninsula												
May 24-May 30	*	*	*	*	*	*	*	*	*	*	*	*
May 31-Jun 06	13	17	335	6,037	78	480	0	0	0	0	3	18
Jun 07-Jun 13	43	93	1,410	24,530	4,641	25,907	0	0	0	0	20	151
Jun 14-Jun 20	44	139	3,475	60,322	29,066	171,066	0	0	0	0	434	2,899
Jun 21-Jun 27	77	314	2,688	46,749	144,115	827,193	0	0	12	38	1,258	8,226
Jun 28-Jul 04	188	996	1,299	24,404	401,670	2,396,630	8	34	752	2,216	3,479	22,421
Jul 05-Jul 11	193	1,357	739	14,633	622,347	3,703,849	83	499	1,293	3,690	14,351	98,446
Jul 12-Jul 18	190	948	227	4,524	222,571	1,261,563	85	529	1,330	3,936	15,067	104,132
Jul 19-Jul 25	163	822	85	1,862	197,706	1,128,558	358	2,164	4,920	16,045	21,333	147,383
-Continued-												
Jul 26-Aug 01	163	856	47	781	131,041	740,098	883	6,008	7,256	22,639	14,487	101,187
Aug 02-Aug 08	138	649	12	236	90,051	498,263	706	4,416	4,799	14,624	6,737	46,341
Aug 09-Aug 15	149	297	19	196	54,668	285,910	3,399	22,906	6,069	20,062	3,705	26,064
Aug 16-Aug 22	178	790	9	145	132,889	704,236	21,308	161,367	14,147	47,071	2,433	16,095
Aug 23-Aug 29	164	639	4	57	77,439	394,766	47,599	378,665	9,470	32,773	527	3,588
Aug 30-Sep 05	89	243	3	19	37,542	183,949	20,213	170,226	653	2,502	62	415
Sep 06-Sep 12	5	8	0	0	3,893	19,465	108	842	0	0	13,984	101,152
Sep 13-Sep 19	*	*	*	*	*	*	*	*	*	*	*	*
Total	255	8,173	10,376	184,960	2,151,010	12,347,952	94,776	747,886	50,701	165,596	97,380	678,518

\* Denotes less than 4 permits were fished and information cannot be released due to confidentiality reasons.

Table 3. Northern District chinook salmon runs<sup>a</sup>, 1962 - 1997.

Year		Cinder River	Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962	Catch	0	400	0	500	700	3,700	0	5,300
	Escapement	0	1,100 <sup>b</sup>	0	500	0	2,700	100 <sup>b</sup>	4,400
	Total	0	1,500 <sup>b</sup>	0	1,000	700	6,400	100 <sup>b</sup>	9,700
1963	Catch	0	0	0	600	200	2,500	0	3,300
	Escapement	0	100 <sup>b</sup>	0	200	0	4,000	1,900 <sup>b</sup>	6,200
	Total	0	100 <sup>b</sup>	0	800	200	6,500	1,900 <sup>b</sup>	9,500
1964	Catch	0	0	100	300	0	3,300	0	3,700
	Escapement	5,800	4,200	500	3,000	0	8,400	4,000	25,900
	Total	5,800	4,200	600	3,300	0	11,700	4,000	29,600
1965	Catch	0	1,900	300	100	0	4,000	0	6,300
	Escapement	700	1,000	0	5,400	0	11,900	3,000	22,000
	Total	700	2,900	300	5,500	0	15,900	3,000	28,300
1966	Catch	0	700	0	100	0	2,400	0	3,200
	Escapement	0	1,300 <sup>b</sup>	0	300 <sup>b</sup>	0	4,700	1,900	8,200
	Total	0	2,000 <sup>b</sup>	0	400 <sup>b</sup>	0	7,100	1,900	11,400
1967	Catch	0	1,400	0	100	400	3,600	0	5,500
	Escapement	800 <sup>b</sup>	500	300	3,000	0	5,100	1,300	11,000
	Total	800 <sup>b</sup>	1,900	300	3,100	400	8,700	1,300	16,500
1968	Catch	0	1,000	100	300	1,300	2,800	0	5,500
	Escapement	300	1,100 <sup>b</sup>	0	2,600	0	7,300	2,700	14,000
	Total	300	2,100 <sup>b</sup>	100	2,900	1,300	10,100	2,700	19,500
1969	Catch	0	1,400	0	500	500	2,500	0	4,900
	Escapement	800	1,100 <sup>b</sup>	0	1,000	0	8,100	1,600	12,600
	Total	800	2,500 <sup>b</sup>	0	1,500	500	10,600	1,600	17,500
1970	Catch	0	0	0	800	400	2,600	0	3,800
	Escapement	200	300	300	1,000	0	2,900	2,000	6,700
	Total	200	300	300	1,800	400	5,500	2,000	10,500
1971	Catch	0	0	100	300	400	1,400	0	2,200
	Escapement	100	100	200	800	0	2,300	1,500 <sup>b</sup>	5,000
	Total	100	100	300	1,100	400	3,700	1,500 <sup>b</sup>	7,200
1972	Catch	0	0	100	200	200	1,300	0	1,800
	Escapement	700	1,600	0	100	0	1,400	1,000 <sup>b</sup>	4,800
	Total	700	1,600	100	300	200	2,700	1,000 <sup>b</sup>	6,600
1973	Catch	0	0	0	700	300	1,500	0	2,500
	Escapement	600	600	0	100	0	1,500	800	3,600
	Total	600	600	0	800	300	3,000	800	6,100
1974	Catch	0	0	0	300	200	2,200	0	2,700
	Escapement	500	700	0	300	0	1,100	400	3,000
	Total	500	700	0	600	200	3,300	400	5,700
1975	Catch	0	400	0	300	200	1,200	0	2,100
	Escapement	100	900	0	700	0	2,500	400	4,600
	Total	100	1,300	0	1,000	200	3,700	400	6,700

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Table 3. (page 2 of 3)

Year		Cinder River	Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1976	Catch	0	1,500	100	500	600	2,200	0	4,900
	Escapement	1,600	200	0	500	0	3,300	400	6,000
	Total	1,600	1,700	100	1,000	600	5,500	400	10,900
1977	Catch	0	2,500	100	700	500	1,700	0	5,500
	Escapement	100	700	0	0	0	5,600	700	7,100
	Total	100	3,200	100	700	500	7,300	700	12,600
1978	Catch	0	9,500	0	600	700	3,400	0	14,200
	Escapement	1,100	4,200	0	200 <sup>b</sup>	0	4,200	4,000	13,700
	Total	1,100	13,700	0	800 <sup>b</sup>	700	7,600	4,000	27,900
1979	Catch	0	9,700	0	1,400	500	5,400	0	17,000
	Escapement	300	3,200 <sup>b</sup>	0	0	0	11,000	1,500	15,800
	Total	300	12,900 <sup>b</sup>	0	1,400	500	16,400	1,500	32,800
1980	Catch	0	5,400	100	1,700	900	8,700	0	16,800
	Escapement	3,000 <sup>b</sup>	1,600 <sup>b</sup>	0	100	0	5,500	800	11,000 <sup>b</sup>
	Total	3,000 <sup>b</sup>	7,000 <sup>b</sup>	100	1,800	900	14,200	800	27,800
1981	Catch	0	6,100	0	1,700	100	11,000	0	18,900
	Escapement	3,000 <sup>b</sup>	1,000 <sup>b</sup>	0	2,300	0	5,200	900	12,400 <sup>b</sup>
	Total	3,000 <sup>b</sup>	7,100 <sup>b</sup>	0	4,000	100	16,200	900	31,300
1982	Catch	0	11,000	900	2,900	700	13,500	1,200	30,200
	Escapement	2,500 <sup>b</sup>	7,500 <sup>b</sup>	0	900	0	7,000	2100	20,000
	Total	2,500 <sup>b</sup>	18,500 <sup>b</sup>	900	3,800	700	20,500	3,300	50,200
1983	Catch	0	6,800	900	8,600	700	12,100	400	29,500
	Escapement	7,200	900	0	1,500 <sup>b</sup>	0	12,500	3,600	25,700
	Total	7,200	7,700	900	10,100 <sup>b</sup>	700	24,600	4,000	55,200
1984	Catch	0	6,400	1,300	6,000	600	7,800	900	23,000
	Escapement	400	7,400	0	600	0	6,300	3,000	17,700
	Total	400	13,800	1,300	6,600	600	14,100	3,900	40,700
1985	Catch	0	4,400	1,700	4,800	1,800	10,900	0	23,600
	Escapement	700	4,700	0	1,200	0	3,200	3,200	13,000
	Total	700	9,100	1,700	6,000	1,800	14,100	3,200	36,600
1986	Catch	0	1,800	1,500	2,900	400	4,800	200	11,600 <sup>b</sup>
	Escapement	1,700	2,400	0	800	0	1,800	2,100	8,800
	Total	1,700	4,200	1,500	3,700	400	6,600	2,300	20,400
1987	Catch	0	3,200	900	3,800	300	5,800	100	14,100
	Escapement	900	1,400	0	700	0	4,100	3,600	10,700
	Total	900	4,600	900	4,500	300	9,900	3,700	24,800
1988	Catch	0	5,800	800	3,500	200	6,500	0	16,800
	Escapement	400	2,200	200	1,200	0	3,300	3,300	10,600
	Total	400	8,000	1,000	4,700	200	9,800	3,300	27,400
1989	Catch	100	2,900	500	2,200	300	3,800	1,000	10,800
	Escapement	200	800	0	900	0	3,100	600	5,600
	Total	300	3,700	500	3,100	300	6,900	1,600	16,400

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Table 3. (page 3 of 3)

Year		Cinder River	Port Heiden	Three Hills & Ilnik	Bear River	Port Moller Bight & Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1990	Catch	100	4,700	500	2,100	100	3,600	1,100	12,200
	Escapement	1,600	800	0	1,400	0	2,300	1,000	7,100
	Total	1,700	5,500	500	3,500	100	5,900	2,100	19,300
1991	Catch	0	3,100	300	1,600	200	3,500	600	9,300
	Escapement	600	900	0	700	0	6,800	500	9,500
	Total	600	4,000	300	2,300	200	10,300	1,100	18,800
1992	Catch	100	5,400	1,400	3,300	100	2,800	0	13,100
	Escapement	300	1,400	0	1,000	0	3,000	900	6,600
	Total	400	6,800	1,400	4,300	100	5,800	900	19,700
1993	Catch	2,300	10,600	300	5,500	100	4,800	0	23,600
	Escapement	700 <sup>b</sup>	3,200 <sup>b</sup>	0	1,800	0	6,000	2,000	13,700
	Total	3,000 <sup>b</sup>	13,800 <sup>b</sup>	300	7,300	100	10,800	2,000	37,300
1994	Catch	2,600	8,800	600	3,100	100	3,900	0	19,100
	Escapement	10,500	15,100	0	6,200 <sup>b</sup>	0	4,800	1,900	38,500
	Total	13,100	23,900	600	9,300	100	8,700	1,900	57,600
1995	Catch	300	2,300	600	900	0	3,500	0	7,600
	Escapement	9,300	7,100	0	3,600	0	3,000	1,300	24,300
	Total	9,600	9,400	600	4,500	0	6,500	1,300	31,900
1996	Catch	700	0	400	1,300	100	2,300	100	4,900
	Escapement	4,000 <sup>b</sup>	12,000 <sup>b</sup>	0	2,600	0	4,000	3,000	25,600
	Total	4,700 <sup>b</sup>	12,000 <sup>b</sup>	400	3,900	100	6,300	3,100	30,500
1997	Catch	300	3,700	1,200	1,900	0	3,200	0	10,300
	Escapement	2,300	4,000 <sup>b</sup>	0	4,300	0	7,050	1,800	19,450
	Total	2,600	7,700		6,200	0	10,250	1,800	29,750
1987-96 Average									
Catch		620	4,680	630	2,730	150	4,050	290	13,150
Escapement		2,850	4,490	20	2,010	0	4,040	1,810	15,220
Total		3,470	9,170	650	4,740	150	8,090	2,100	28,370

<sup>a</sup> Escapements are indexed totals<sup>b</sup> These figures are extrapolated estimates

Table 4. North Peninsula salmon harvest, in numbers of fish, by district, statistical area, and section, 1997.

Statistical Area	Section	Number of Salmon				
		Chinook	Sockeye	Coho	Pink	Chum
<b>NORTHWESTERN DISTRICT</b>						
311-32	Urilia Bay Section Total	2	19,325	0	388	370
311-52	Swanson Lagoon Section	7	33,636	270	3,849	6,428
311-60	Bechevin Bay Section	0	0	42	867	14,227
312-40	Izembek-Moffet Bay Section Total	0	5,493	0	32	25,186
<b>NORTHWESTERN DISTRICT TOTAL</b>		<b>9</b>	<b>58,454</b>	<b>312</b>	<b>5,136</b>	<b>46,211</b>
<b>NORTHERN DISTRICT</b>						
313-10	Black Hills Section	25	20,741	212	4,651	2,374
313-30	Nelson Lagoon Section	3,164	384,370	32,260	830	3,828
314-12	Port Moller Bight Section	40	8,693	256	324	4,454
315-11	Bear River	1,768	561,688	4,438	11,864	29,507
315-20	Muddy River	112	80,773	1,892	3,230	1,705
Bear River Section Total		1,880	642,461	6,330	15,094	31,212
316-10	Three Hills Section	541	263,089	6,048	15,407	2,253
316-20	Outside Ilnik	649	643,508	4,892	8,788	6,222
316-22	Ilnik Lagoon	6	14,650	0	0	0
316-25	Strogonof Point	52	104,480	485	471	749
Ilnik Section Total		707	762,638	5,377	9,259	6,971
317-20	Inner Port Heiden Section	3,678	2,222	18,544	0	5
318-20	Cinder River Section	340	8,342	25,437	0	72
<b>NORTHERN DISTRICT TOTAL</b>		<b>10,375</b>	<b>2,092,556</b>	<b>94,464</b>	<b>45,565</b>	<b>51,169</b>
<b>NORTH PENINSULA TOTAL</b>		<b>10,384</b>	<b>2,151,010</b>	<b>94,776</b>	<b>50,701</b>	<b>97,380</b>

Table 5. Uria Bay Section salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
30-Jun	13	13	0	7,934	0	22	101
1-Jul	9	16	2	9,535	0	333	236
3-Jul	5	5	0	979	0	33	17
9-Jul	1	1	0	877	0	0	16
Total	28	35	2	19,325	0	388	370

\* Due to confidentiality rules this information may not be released.

Table 6. Northwestern District sockeye salmon runs<sup>a</sup>, 1962 - 1997.

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1962	Catch	4,700	4,100	8,800
	Escapement	27,000	24,000 <sup>b</sup>	51,000 <sup>b</sup>
	Total	31,700	28,100	59,800 <sup>b</sup>
1963	Catch	1,700	5,200	6,900
	Escapement	40,000	14,000	54,000
	Total	41,700	19,200	60,900
1964	Catch	4,700	10,300	15,000
	Escapement	50,000	20,000 <sup>b</sup>	70,000
	Total	54,700	30,300	85,000
1965	Catch	400	14,100	14,500
	Escapement	7,000	6,900	13,900
	Total	7,400	21,000	28,400
1966	Catch	0	16,300	16,300
	Escapement	7,500	12,400	19,900
	Total	7,500	28,700	36,200
1967	Catch	8,100	5,300	13,400
	Escapement	9,000	5,800	14,800
	Total	17,100	11,100	28,200
1968	Catch	11,100	4,600	15,700
	Escapement	10,000	7,800	17,800
	Total	21,100	12,400	33,500
1969	Catch	6,100	3,500	9,600
	Escapement	14,000	39,500	53,500
	Total	20,100	43,000	63,100
1970	Catch	3,100	700	3,800
	Escapement	7,000	35,000 <sup>b</sup>	42,000 <sup>b</sup>
	Total	10,100	35,700 <sup>b</sup>	45,800 <sup>b</sup>
1971	Catch	6,900	2,400	9,300
	Escapement	4,000	30,000	34,000
	Total	10,900	32,400	43,300
1972	Catch	800	6,200	7,000
	Escapement	5,000	4,800	9,800
	Total	5,800	11,000	16,800

-Continued-



Table 6. (page 2 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1973	Catch	1,300	2,600	3,900
	Escapement	2,000	5,000	7,000
	Total	3,300	7,600	10,900
1974	Catch	4,800	3,700	8,500
	Escapement	4,000	3,300	7,300
	Total	8,800	7,000	15,800
1975	Catch	1,500	1,500	3,000
	Escapement	7,000	12,300	19,300
	Total	8,500	13,800	22,300
1976	Catch	19,000	1,700	20,700
	Escapement	14,000	21,500	35,500
	Total	33,000	23,200	56,200
1977	Catch	3,100	31,500	34,600
	Escapement	26,500	28,600	55,100
	Total	29,600	60,100	89,700
1978	Catch	15,600	24,500	40,100
	Escapement	17,000	28,000	45,000
	Total	32,600	52,500	85,100
1979	Catch	10,800	63,100	73,900
	Escapement	9,000	33,700	42,700
	Total	19,800	96,800	116,600
1980	Catch	34,200	15,200	49,400
	Escapement	11,500	90,100	101,600
	Total	45,700	105,300	151,000
1981	Catch	30,900	20,100	51,000
	Escapement	12,000	60,700	72,700
	Total	42,900	80,800	123,700
1982	Catch	24,500	9,300	33,800
	Escapement	21,500	29,300	50,800
	Total	46,000	38,600	84,600
1983	Catch	15,200	14,300	29,500
	Escapement	18,500	14,200	32,700
	Total	33,700	28,500	62,200

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Table 6. (page 3 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1984	Catch	4,700	197,000	201,700
	Escapement	19,100	70,300	89,400
	Total	23,800	267,300	291,100
1985	Catch	6,200	77,000	83,200
	Escapement	17,200	29,500	46,700
	Total	23,400	106,500	129,900
1986	Catch	19,100	139,200	158,300
	Escapement	15,700	45,700	61,400
	Total	34,800	184,900	219,700
1987	Catch	6,500	137,900	144,400
	Escapement	13,600	36,300	49,900
	Total	20,100	174,200	194,300
1988	Catch	11,500	67,000	78,500
	Escapement	17,300	35,600	52,900
	Total	28,800	102,600	131,400
1989	Catch	8,600	44,000	52,600
	Escapement	22,500	58,100	80,600
	Total	31,100	102,100	133,200
1990	Catch	39,400	118,600	158,000
	Escapement	33,700	83,100	116,800
	Total	73,100	201,700	274,800
1991	Catch	24,500	156,700	181,200
	Escapement	51,600	86,700	138,300
	Total	76,100	243,400	319,500
1992	Catch	21,500	57,500	79,000
	Escapement	53,300	46,900	100,200
	Total	74,800	104,400	179,200
1993	Catch	30,100	38,300	68,400
	Escapement	34,400	40,000	74,400
	Total	64,500	78,300	142,800
1994	Catch	2,400	32,500	34,900
	Escapement	39,500	48,200	87,700
	Total	41,900	80,700	122,600

-Continued-

Table 6. (page 4 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1995	Catch	7,300	18,000	25,300
	Escapement	7,500	54,800	129,800
	Total	14,800	72,800	155,100
1996	Catch	18,200	39,900	58,100
	Escapement	45,900	36,900	82,800
	Total	64,100	76,800	140,900
1997	Catch	5,500	53,000	58,500
	Escapement	26,500	42,300	68,800
	Total	32,000	95,300	127,300
1987-96	Catch	17,000	71,040	88,040
	Escapement	31,930	52,660	91,340
	Total	48,930	123,700	179,380

<sup>a</sup>Escapements are indexed totals.

<sup>b</sup>Figures are extrapolated estimates.

Table 7. Nelson Lagoon Section salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
9-Jun	18	21	321	1,700	0	0	0
10-Jun	16	19	222	993	0	0	0
11-Jun	14	15	139	682	0	0	1
12-Jun	0	0	0	0	0	0	0
13-Jun	0	0	0	0	0	0	0
14-Jun	0	0	0	0	0	0	0
15-Jun	0	0	0	0	0	0	0
16-Jun	0	0	0	0	0	0	0
17-Jun	15	17	211	2,163	0	0	0
18-Jun	20	20	246	2,542	0	0	0
19-Jun	20	20	171	2,699	0	0	0
20-Jun	0	0	0	0	0	0	0
21-Jun	0	0	0	0	0	0	0
22-Jun	0	0	0	0	0	0	0
23-Jun	27	30	339	13,544	0	0	0
24-Jun	26	30	264	7,698	0	0	0
25-Jun	25	27	172	8,861	0	0	0
26-Jun	25	27	152	10,224	0	0	0
27-Jun	28	31	157	16,493	0	0	0
28-Jun	26	31	80	21,787	0	0	0
29-Jun	0	0	0	0	0	0	0
30-Jun	34	51	109	34,162	0	0	0
1-Jul	34	55	113	26,284	0	0	0
2-Jul	33	39	81	18,835	0	0	3
3-Jul	33	41	81	16,212	0	0	0
4-Jul	28	32	53	16,216	0	0	0
5-Jul	29	33	50	18,181	0	0	0
6-Jul	0	0	0	0	0	0	0
7-Jul	27	39	39	30,890	0	0	2
8-Jul	28	37	38	24,247	0	0	5
9-Jul	28	36	27	15,755	0	0	15
10-Jul	27	34	16	12,888	0	1	0
11-Jul	22	26	16	8,154	0	0	5
12-Jul	24	28	11	8,097	0	3	21
13-Jul	0	0	0	0	0	0	0
14-Jul	27	31	13	8,331	0	11	44
15-Jul	24	27	7	6,862	0	6	62
16-Jul	26	28	8	3,481	0	0	35
17-Jul	26	26	3	4,049	0	0	34
18-Jul	22	22	4	3,840	0	3	40
19-Jul	25	25	5	4,178	0	3	45
20-Jul	22	22	1	4,217	0	3	70
21-Jul	23	23	1	3,296	0	2	75
22-Jul	24	25	0	3,020	0	11	107
23-Jul	21	23	0	2,940	1	10	119
24-Jul	21	22	4	2,655	1	87	128

-Continued-

Table 7. (page 2 of 2)

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
25-Jul	20	23	2	1,603	0	10	89
26-Jul	20	20	1	2,166	0	4	115
27-Jul	18	18	1	1,694	2	1	200
28-Jul	15	15	0	1,277	1	5	259
29-Jul	17	17	0	1,140	0	5	248
30-Jul	16	16	0	1,046	2	4	248
31-Jul	13	13	1	1,384	15	23	251
1-Aug	0	0	0	0	0	0	0
2-Aug	0	0	0	0	0	0	0
3-Aug	0	0	0	0	0	0	0
4-Aug	13	14	0	1,355	36	17	341
5-Aug	11	13	0	1,079	29	18	129
6-Aug	14	15	0	1,007	63	10	335
7-Aug	13	13	0	780	33	11	203
8-Aug	0	0	0	0	0	0	0
9-Aug	0	0	0	0	0	0	0
10-Aug	0	0	0	0	0	0	0
11-Aug	9	9	0	282	102	13	81
12-Aug	18	20	0	926	360	77	134
13-Aug	17	17	0	939	500	90	130
14-Aug	14	14	0	551	597	75	84
15-Aug	0	0	0	0	0	0	0
16-Aug	0	0	0	0	0	0	0
17-Aug	0	0	0	0	0	0	0
18-Aug	21	23	0	470	2,268	83	64
19-Aug	23	25	1	292	2,121	107	48
20-Aug	23	24	1	205	1,584	123	42
21-Aug	0	0	0	0	0	0	0
22-Aug	0	0	0	0	0	0	0
23-Aug	0	0	0	0	0	0	0
24-Aug	0	0	0	0	0	0	0
25-Aug	20	22	1	66	3,734	5	3
26-Aug	22	22	0	88	4,885	0	8
27-Aug	22	22	1	41	4,099	4	2
28-Aug	22	22	0	9	2,545	1	1
29-Aug	0	0	0	0	0	0	0
30-Aug	0	0	0	0	0	0	0
31-Aug	0	0	0	0	0	0	0
1-Sep	12	12	0	16	552	0	2
2-Sep	12	14	0	13	833	0	0
3-Sep	13	18	1	26	5,292	4	0
4-Sep	6	9	0	7	2,605	0	0
TOTAL	39	1,463	3,164	384,638	32,260	830	3,828

Table 8. Bear River Section salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
2-Jun	6	6	36	74	0	0	3
3-Jun	3	3	23	4	0	0	0
4-Jun	*	*	*	*	*	*	*
9-Jun	9	9	76	579	0	0	15
10-Jun	*	*	*	*	*	*	*
11-Jun	*	*	*	*	*	*	*
16-Jun	9	9	131	1,930	0	0	110
17-Jun	8	8	171	2,203	0	0	148
18-Jun	9	9	202	4,083	0	0	94
19-Jun	10	12	277	3,971	0	0	47
20-Jun	10	10	291	4,851	0	0	35
23-Jun	25	26	62	14,893	0	1	267
24-Jun	27	36	97	21,097	0	1	259
25-Jun	6	7	25	4,587	0	0	357
26-Jun	22	26	67	17,038	0	2	165
30-Jun	42	44	91	15,857	0	53	208
1-Jul	36	43	51	14,235	0	38	223
2-Jul	37	41	33	18,591	0	62	186
3-Jul	38	44	46	13,584	0	45	472
4-Jul	37	48	40	16,528	0	97	533
5-Jul	26	34	27	14,193	0	43	405
6-Jul	25	35	17	21,739	0	3	813
7-Jul	21	22	3	14,096	0	9	626
9-Jul	35	40	10	14,103	0	39	590
10-Jul	38	44	11	13,489	0	53	1,053
11-Jul	39	45	14	11,961	2	21	522
12-Jul	25	28	3	7,920	0	64	496
13-Jul	22	25	5	10,375	0	11	1,375
14-Jul	35	42	7	12,388	0	28	876
15-Jul	33	33	3	8,215	0	17	414
16-Jul	52	64	2	10,864	0	34	679
17-Jul	57	68	9	11,358	1	188	582
21-Jul	53	62	1	12,743	1	82	1,736
22-Jul	34	39	2	9,210	16	118	1,128
23-Jul	25	37	3	10,417	1	95	1,063
24-Jul	27	35	2	10,354	1	77	1,320
25-Jul	27	31	3	6,689	1	124	917
26-Jul	25	26	1	7,895	2	126	1,312
27-Jul	23	25	0	4,637	1	135	1,189
28-Jul	35	37	2	5,268	6	249	892
29-Jul	43	48	0	3,975	6	315	833
30-Jul	30	33	1	3,714	3	207	614
31-Jul	34	43	2	8,457	24	683	1,096
1-Aug	30	35	1	5,231	5	323	829
2-Aug	30	35	2	5,355	8	588	529
3-Aug	36	46	1	9,528	47	343	1,096

-Continued-

Table 8. (page 2 of 2)

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
4-Aug	45	50	0	7,658	17	498	875
5-Aug	42	51	0	5,871	8	198	655
6-Aug	42	44	0	5,156	15	189	500
7-Aug	70	75	1	9,209	52	270	421
14-Aug	52	54	1	20,464	83	353	797
15-Aug	74	81	2	19,520	121	1,022	413
16-Aug	70	78	4	13,826	155	796	334
17-Aug	46	47	0	6,907	115	323	170
18-Aug	56	60	1	11,575	220	390	134
19-Aug	50	52	1	10,098	372	739	147
20-Aug	48	54	0	8,440	133	649	85
21-Aug	48	51	0	8,545	303	877	92
22-Aug	34	35	0	10,919	231	577	126
23-Aug	35	37	0	10,737	816	778	102
24-Aug	42	43	0	8,422	305	375	38
25-Aug	42	43	0	5,804	324	357	31
26-Aug	49	52	0	9,938	566	806	37
27-Aug	49	52	0	6,844	396	559	34
28-Aug	38	38	0	5,971	423	232	25
29-Aug	40	46	0	5,644	383	183	25
30-Aug	26	26	1	5,914	214	328	19
31-Aug	4	4	0	346	33	0	4
2-Sep	31	34	0	16,511	317	119	12
3-Sep	28	35	1	12,029	332	130	14
4-Sep	6	6	0	2,646	179	72	11
7-Sep	*	*	*	*	*	*	*
10-Sep	*	*	*	*	*	*	*
15-Sep	*	*	*	*	*	*	*
Total	148	2,547	1,880	642,461	6,330	15,094	31,212

\* Due to confidentiality rules this information may not be released.

Table 9. Northern District sockeye salmon runs, 1962 - 1997<sup>a</sup>.

Year		Outer Port Heiden <sup>b</sup> and Cinder River	Inner Port Heiden	Three Hills and Ilnik	Bear River	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962	Catch	900	17,800	9,700	142,900	0	69,600	0	240,900
	Escapement	5,000	19,000 <sup>c</sup>	5,900	215,000	100	54,200	1,000	300,200
	Total	5,900	36,800 <sup>c</sup>	15,600	357,900	100	123,800	1,000	541,100
1963	Catch	0	0	26,600	120,000	0	71,500	0	218,100
	Escapement	1,400	14,200 <sup>c</sup>	10,400	238,600	100	31,000	1,300 <sup>c</sup>	297,000
	Total	1,400	14,200 <sup>c</sup>	37,000	358,600	100	102,500	1,300 <sup>c</sup>	515,100
1964	Catch	0	6,300	33,300	107,500	0	88,700	0	235,800
	Escapement	1,500	10,000	6,500 <sup>c</sup>	250,200	200	80,000	1,500	349,900
	Total	1,500	16,300	39,800	357,700	200	168,700	1,500	585,700
1965	Catch	0	9,700	58,400	62,400	100	53,800	0	184,400
	Escapement	7,500	30,000	12,500 <sup>c</sup>	137,000	0	37,000	500	224,500
	Total	7,500	39,700	70,900 <sup>c</sup>	199,400	100	90,800	500	408,900
1966	Catch	0	8,000	11,000	152,600	0	60,000	0	231,600
	Escapement	3,000	11,700 <sup>c</sup>	24,300	185,000	600	36,500	2,300	263,400
	Total	3,000	19,700 <sup>c</sup>	35,300	337,600	600	96,500	2,300	495,000
1967	Catch	0	3,100	0	156,100	12,500	40,200	0	211,900
	Escapement	3,800 <sup>c</sup>	12,000 <sup>c</sup>	26,400	200,000	200	42,000	500 <sup>c</sup>	284,900
	Total	3,800 <sup>c</sup>	15,100 <sup>c</sup>	26,400	356,100	12,700	82,200	500 <sup>c</sup>	496,800
1968	Catch	0	0	78,600	90,500	3,400	51,100	0	223,600
	Escapement	4,100	15,000 <sup>c</sup>	15,000 <sup>c</sup>	166,000	400	31,000	2,000 <sup>c</sup>	233,500
	Total	4,100	15,000 <sup>c</sup>	93,600 <sup>c</sup>	256,500	3,800	82,100	2,000 <sup>c</sup>	457,100
1969	Catch	0	5,200	24,000	205,500	4,400	72,800	0	311,900
	Escapement	3,800 <sup>c</sup>	15,000 <sup>c</sup>	15,600 <sup>c</sup>	406,000	100	78,500	2,500 <sup>c</sup>	521,500
	Total	3,800 <sup>c</sup>	20,200 <sup>c</sup>	39,600 <sup>c</sup>	611,500	4,500	151,300	2,500 <sup>c</sup>	833,400
1970	Catch	0	0	21,000	113,700	1,700	52,000	0	188,400
	Escapement	1,500	14,100	16,100	294,000	0	82,400	1,400	409,500
	Total	1,500	14,100	37,100	407,700	1,700	134,400	1,400	597,900
1971	Catch	0	0	57,100	238,600	1,300	47,500	0	344,500
	Escapement	2,000	30,800	26,500	281,000	200	60,100	500	401,100
	Total	2,000	30,800	83,600	519,600	1,500	107,600	500	745,600
1972	Catch	0	0	12,000	136,200	1,000	23,200	0	172,400
	Escapement	400	3,500	13,100	135,400	0	28,000	0	180,400
	Total	400	3,500	25,100	271,600	1,000	51,200	0	352,800
1973	Catch	0	0	16,700	117,700	3,300	23,900	0	161,600
	Escapement	1,200	7,200	16,000	130,100	0	18,700	0	173,200
	Total	1,200	7,200	32,700	247,800	3,300	42,600	0	334,800

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Table 9. (page 2 of 4)

Year		Outer Port Heiden <sup>b</sup> and Cinder River	Inner Port Heiden	Three Hills and Ilirik	Bear River	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1974	Catch	0	0	50,700	157,500	7,700	25,600	0	241,500
	Escapement	1,300	1,400	14,600	266,500	0	39,900	1,800	325,500
	Total	1,300	1,400	65,300	424,000	7,700	65,500	1,800	567,000
1975	Catch	0	600	8,700	165,700	3,700	51,500	0	230,200
	Escapement	900	5,100	40,800	310,000	100	138,600	2,000	497,500
	Total	900	5,700	49,500	475,700	3,800	190,100	2,000	727,700
1976	Catch	0	5,000	219,700	310,900	9,900	74,900	0	620,400
	Escapement	6,300	30,300	15,700	328,000	500	108,900	7,400	497,100
	Total	6,300	35,300	235,400	638,900	10,400	183,800	7,400	1,117,500
1977	Catch	0	3,400	97,900	268,700	11,100	56,300	0	437,400
	Escapement	3,900	23,600	20,700	265,200	13,500	155,000	4,100	486,000
	Total	3,900	27,000	118,600	533,900	24,600	211,300	4,100	923,400
1978	Catch	0	800	32,200	556,400	53,700	213,400	0	856,500
	Escapement	3,800	18,800	21,200	814,000	4,900	304,300	1,500	1,168,500
	Total	3,800	19,600	53,400	1,370,400	58,600	517,700	1,500	2,025,000
1979	Catch	100	36,900	194,400	1,320,900	32,100	320,900	0	1,905,300
	Escapement	6,000	-46,700 <sup>c</sup>	97,500	1,013,000	5,000	360,100	3,000	1,531,300
	Total	6,100	-83,600 <sup>c</sup>	291,900	2,333,900	37,100	681,000	3,000	3,436,600
1980	Catch	0	24,600	252,200	741,900	10,500	318,500	0	1,347,700
	Escapement	30,000	47,000 <sup>c</sup>	100,000 <sup>c</sup>	751,000	1,500	352,600	3,900	1,286,000
	Total	30,000	71,600 <sup>c</sup>	352,200 <sup>c</sup>	1,492,900	12,000	671,100	3,900	2,633,700
1981	Catch	0	3,800	68,900	1,327,200	18,600	374,700	0	1,793,200
	Escapement	100,000	26,600 <sup>c</sup>	151,000 <sup>c</sup>	741,500	600	251,000	4,000 <sup>c</sup>	1,274,700
	Total	100,000	30,400 <sup>c</sup>	219,900 <sup>c</sup>	2,068,700	19,200	625,700	4,000 <sup>c</sup>	3,067,900
1982	Catch	0	8,800	142,500	1,009,300	11,300	229,200	400	1,401,500
	Escapement	13,000 <sup>c</sup>	62,000 <sup>c</sup>	43,000 <sup>c</sup>	361,300	500	179,600	6,000	665,400
	Total	13,000 <sup>c</sup>	70,800 <sup>c</sup>	185,500 <sup>c</sup>	1,370,600	11,800	408,800	6,400	2,066,900
1983	Catch	100	100	729,600	1,126,200	15,000	192,900	0	2,063,900
	Escapement	9,000	8,600	40,100	358,000	500	128,800	2,600	547,600
	Total	9,100	8,700	769,700	1,484,200	15,500	321,700	2,600	2,611,500

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Table 9. (page 3 of 4)

Year		Outer Port Heiden <sup>b</sup> and Cinder River	Inner Port Heiden	Three Hills and Ilnik	Bear River	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1984	Catch	0	1,700	743,700	637,400	31,400	118,800	0	1,533,000
	Escapement	16,000	31,100	22,300	414,000	700	251,000	600	735,700
	Catch	16,000	32,800	766,000	1,051,400	32,100	369,800	600	2,268,700
1985	Catch	300	5,100	978,200	821,300	4,500	703,500	0	2,512,900
	Escapement	12,600	45,500	22,700	451,500	700	314,800	3,700	851,500
	Total	12,900	50,600	1,000,900	1,272,800	5,200	1,018,300	3,700	3,364,400
1986	Catch	700	38,000	1,148,800	938,200	1,300	178,400	0	2,305,400
	Escapement	25,700	26,400	66,900	279,400	300	117,900	2,300	518,900
	Total	26,400	64,400	1,215,700	1,217,600	1,600	296,300	2,300	2,824,300
1987	Catch	200	2,400	719,400	214,000	700	128,500	100	1,065,300
	Escapement	15,300	28,300	30,700	266,700	700	155,700	8,700	506,100
	Total	15,500	30,700	750,100	480,700	1,400	284,200	8,800	1,571,400
1988	Catch	600	10,000	753,600	495,000	3,900	186,600	0	1,449,700
	Escapement	2,000	35,900	26,900	347,500	400	142,500	6,900	562,100
	Total	2,600	46,900	780,500	842,500	4,300	329,100	6,900	2,011,800
1989	Catch	3,000	13,400	749,000	557,800	5,700	325,000	14,300	1,668,200
	Escapement	4,000	11,200	16,700	487,000	500	206,800	7,600	733,800
	Total	7,000	24,600	765,700	1,044,800	6,200	531,800	21,900	2,402,000
1990	Catch	1,200	9,700	942,900	876,200	4,300	410,400	13,300	2,258,000
	Escapement	14,000	26,800	35,800	564,300	400	269,200	5,700	916,200
	Total	15,200	36,500	978,700	1,440,500	4,700	679,600	19,000	3,174,200
1991	Catch	300	5,400	864,900	1,044,700	4,600	274,000	16,400	2,210,300
	Escapement	47,400	26,500	135,200	681,200	500 <sup>c</sup>	279,200	9,000	1,179,000
	Total	47,700	31,900	1,000,100	1,725,900	5,100	553,200	25,400	3,389,300
1992	Catch	4,500	8,000	1,700,200	1,398,300	5,900	378,700	900	3,496,500
	Escapement	15,200	33,100	45,100	471,200	200	179,700	16,600	761,100
	Total	19,700	41,100	1,745,300	1,869,500	6,100	558,400	17,500	4,257,600

-Continued-

Table 9. (page 4 of 4)

Year		Outer Port Heiden <sup>b</sup> and Cinder River	Inner Port Heiden	Three Hills and Ilnik	Bear River	Port Moller Bight & Herendeen- Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1993	Catch	8,900	500	1,280,100	2,041,800	10,000	452,900	4,000	3,798,200
	Escapement	20,000 <sup>c</sup>	50,000 <sup>c</sup>	70,300	501,900	400	267,200	10,200	920,000
	Total	28,900 <sup>c</sup>	50,500 <sup>c</sup>	1,350,400	2,543,700	10,400	720,100	14,200	4,718,200
1994	Catch	5,200	600	1,320,500	1,059,000	2,200	329,200	1,200	2,717,900
	Escapement	83,400	44,900	75,300	581,200	400	333,400	5,100	1,123,700
	Total	88,600	45,500	1,395,800	1,640,200	2,600	662,600	6,300	3,841,600
1995	Catch	1,300	800	1,251,600	1,536,000	5,900	448,300	3,600	3,247,500
	Escapement	47,500	85,600	39,400	430,400	2,000	338,700	3,700	947,300
	Total	48,800	86,400	1,291,000	1,966,400	7,900	787,000	7,300	4,194,800
1996	Catch	3,700	3,600	801,300	592,400	1,500	445,300	5,100	1,852,900
	Escapement	60,000 <sup>c</sup>	60,000	62,500	431,100	6,000	257,000	8,500	885,100
	Total	63,700 <sup>c</sup>	63,600	863,800	1,023,500	7,500	702,300	13,600	2,738,000
1997	Catch	8,300	2,200	1,025,300	643,000	8,600	384,400	20,700	2,092,500
	Escapement	33,000	40,000 <sup>c</sup>	83,400	398,000	900	190,100	6,100	751,500
	Total	41,300	42,200	1,108,700	1,041,000	9,500	574,500	26,800	2,844,000
1987-96 Average									
	Catch	2,890	5,440	1,038,350	981,520	4,470	337,890	5,890	2,376,450
	Escapement	30,880	40,230	53,790	476,250	1,150	242,940	8,200	853,440
	Total	33,770	45,770	1,092,140	1,457,770	5,620	580,830	14,090	3,229,890

<sup>a</sup> Except for Bear and Nelson Rivers where weir and tower counts are used, escapements are indexed totals.

<sup>b</sup> Outer Port Heiden Section catches occurred only between 1986 and 1989. This section has been closed since 1989.

<sup>c</sup> These figures are extrapolated estimates.

Table 10. Three Hills Section salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
25-Jun	21	21	63	15,676	0	3	67
26-Jun	12	13	33	7,618	0	5	27
30-Jun	64	67	76	19,146	0	7	47
1-Jul	78	90	84	35,782	3	18	72
2-Jul	84	99	86	37,230	3	18	77
3-Jul	90	104	72	32,557	2	12	67
4-Jul	89	99	115	26,640	0	14	71
5-Jul	12	12	7	3,474	0	0	36
28-Jul	*	*	*	*	*	*	*
29-Jul	19	20	1	2,352	11	35	69
30-Jul	17	20	0	3,955	14	493	177
31-Jul	9	11	0	2,653	15	105	118
1-Aug	13	13	1	1,863	16	207	97
2-Aug	10	10	0	1,323	17	234	101
3-Aug	9	10	1	1,744	13	218	55
4-Aug	14	14	1	3,029	24	868	170
5-Aug	27	29	0	3,798	20	307	150
6-Aug	21	22	0	3,298	15	188	70
7-Aug	15	15	0	1,975	5	124	11
14-Aug	7	7	0	1,507	58	330	36
15-Aug	22	23	0	4,992	205	329	88
16-Aug	25	25	0	7,587	329	565	60
17-Aug	11	11	0	2,031	141	23	38
18-Aug	14	14	0	4,023	486	207	59
19-Aug	10	10	0	2,663	236	132	31
20-Aug	16	16	0	2,671	695	1,054	42
21-Aug	31	33	0	4,258	759	1,551	114
22-Aug	24	24	0	12,045	1,050	3,710	113
23-Aug	20	20	0	6,218	565	1,777	60
24-Aug	14	15	0	5,077	596	1,471	51
25-Aug	4	4	0	730	54	174	3
26-Aug	12	12	1	3,014	457	1,020	14
27-Aug	8	8	0	1,049	106	88	4
28-Aug	4	6	0	535	131	62	2
29-Aug	*	*	*	*	*	*	*
Total	118	903	541	263,089	6,048	15,407	2,253

\* Due to confidentiality rules this information may not be released.

Table 11. Ilnik Section salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
9-Jun	*	*	*	*	*	*	*
10-Jun	*	*	*	*	*	*	*
11-Jun	*	*	*	*	*	*	*
16-Jun	*	*	*	*	*	*	*
17-Jun	*	*	*	*	*	*	*
18-Jun	*	*	*	*	*	*	*
19-Jun	*	*	*	*	*	*	*
20-Jun	*	*	*	*	*	*	*
21-Jun	*	*	*	*	*	*	*
23-Jun	*	*	*	*	*	*	*
24-Jun	*	*	*	*	*	*	*
26-Jun	*	*	*	*	*	*	*
27-Jun	*	*	*	*	*	*	*
28-Jun	*	*	*	*	*	*	*
29-Jun	*	*	*	*	*	*	*
30-Jun	*	*	*	*	*	*	*
1-Jul	*	*	*	*	*	*	*
2-Jul	*	*	*	*	*	*	*
3-Jul	*	*	*	*	*	*	*
4-Jul	*	*	*	*	*	*	*
5-Jul	102	128	88	69,059	1	23	95
6-Jul	91	127	89	97,039	5	76	283
7-Jul	90	113	49	58,321	15	111	444
8-Jul	122	170	80	84,320	17	135	787
9-Jul	91	111	55	33,153	20	161	332
10-Jul	98	123	65	32,095	8	129	175
11-Jul	82	108	34	34,060	12	112	154
12-Jul	73	76	18	26,115	7	93	118
13-Jul	58	64	42	19,120	11	142	286
14-Jul	85	110	51	32,061	25	148	198
15-Jul	93	109	24	21,485	31	245	214
16-Jul	57	71	14	11,692	9	103	186
17-Jul	41	54	2	9,873	0	39	86
21-Jul	24	25	4	7,877	9	66	132
22-Jul	66	90	17	22,701	43	355	287
23-Jul	72	97	11	28,096	50	490	446
24-Jul	71	90	9	23,596	51	322	367
25-Jul	70	83	11	22,374	156	281	458
26-Jul	70	81	8	16,849	241	253	422
27-Jul	65	80	7	10,124	124	157	257
28-Jul	52	56	8	5,941	66	81	95
29-Jul	21	24	3	2,138	20	61	45
30-Jul	25	30	0	3,346	17	17	22
31-Jul	35	45	4	8,341	81	487	95
1-Aug	47	62	1	11,936	138	1,012	230
2-Aug	33	43	0	6,224	70	165	89

-Continued-

Table 11. (page 2 of 2)

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
3-Aug	29	33	1	3,615	37	43	59
4-Aug	28	38	3	7,305	63	53	180
5-Aug	19	20	0	2,872	14	3	18
6-Aug	21	26	1	2,728	32	186	52
7-Aug	2	2	0	94	2	0	2
14-Aug	3	3	0	454	8	35	34
15-Aug	12	12	1	1,764	75	137	20
16-Aug	14	17	0	4,797	375	189	29
17-Aug	21	22	0	4,103	298	188	39
18-Aug	23	27	0	7,284	1,057	463	76
19-Aug	20	23	0	4,252	913	720	85
20-Aug	18	18	0	4,453	396	516	16
24-Aug	*	*	*	*	*	*	*
25-Aug	7	7	0	1,308	221	533	16
26-Aug	7	7	0	1,632	375	326	21
27-Aug	11	12	1	3,058	254	536	16
28-Aug	*	*	*	*	*	*	*
Total	135	2,460	707	762,638	5,377	9,259	6,971

\* Due to confidentiality rules this information may not be released.

Table 12. Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
2-Jun	6	6	36	74	0	0	3
3-Jun	*	*	*	*	*	*	*
4-Jun	*	*	*	*	*	*	*
9-Jun	10	10	77	781	0	0	15
10-Jun	*	*	*	*	*	*	*
11-Jun	*	*	*	*	*	*	*
16-Jun	10	10	131	2,728	0	0	110
17-Jun	9	9	171	3,119	0	0	148
18-Jun	10	10	202	4,965	0	0	94
19-Jun	11	13	277	4,662	0	0	47
20-Jun	11	11	291	5,621	0	0	35
21-Jun	*	*	*	*	*	*	*
23-Jun	26	27	62	15,802	0	1	267
24-Jun	28	37	97	21,879	0	1	259
25-Jun	28	30	88	20,395	0	3	454
26-Jun	34	41	100	25,553	0	7	275
27-Jun	*	*	*	*	*	*	*
28-Jun	*	*	*	*	*	*	*
29-Jun	*	*	*	*	*	*	*
30-Jun	107	113	167	36,408	0	60	506
1-Jul	116	136	136	51,180	3	56	612
2-Jul	122	142	125	57,351	3	80	413
3-Jul	130	151	119	47,150	2	57	593
4-Jul	126	149	155	44,260	0	111	644
5-Jul	135	174	122	86,726	1	66	536
6-Jul	116	162	106	118,778	5	79	1,096
7-Jul	112	136	52	72,676	15	120	1,206
8-Jul	122	170	80	84,320	17	135	787
9-Jul	127	152	65	47,677	20	201	1,175
10-Jul	135	168	76	45,896	8	182	1,434
11-Jul	121	154	49	46,426	14	134	920
12-Jul	99	105	22	34,508	7	157	794
13-Jul	81	90	47	29,892	11	153	1,744
14-Jul	122	154	58	45,140	25	178	1,209
15-Jul	127	143	27	29,898	31	264	650
16-Jul	109	136	16	22,573	9	137	872
17-Jul	99	124	11	21,408	1	231	768
21-Jul	79	89	5	20,855	10	148	2,047
22-Jul	102	132	20	32,481	60	484	1,635
23-Jul	98	135	14	38,731	51	590	1,652
24-Jul	100	127	11	34,164	52	404	1,777
25-Jul	98	115	14	29,206	157	410	1,501
26-Jul	97	109	9	24,969	244	391	1,865
27-Jul	87	106	7	15,004	125	301	1,556

-Continued-

Table 12. (page 2 of 2)

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
28-Jul	86	97	10	11,676	73	357	1,122
29-Jul	82	93	4	8,578	37	411	994
30-Jul	72	84	1	11,036	34	719	839
31-Jul	78	101	6	19,576	122	1,278	1,396
1-Aug	86	111	3	19,130	160	1,550	1,241
2-Aug	71	89	2	12,934	95	987	748
3-Aug	71	89	3	14,887	97	604	1,210
4-Aug	84	102	4	17,992	104	1,419	1,225
5-Aug	84	100	0	12,541	42	508	823
6-Aug	85	95	1	11,373	63	569	728
7-Aug	88	95	1	11,399	61	399	566
14-Aug	63	65	1	22,427	153	730	887
15-Aug	109	117	3	26,363	408	1,496	577
16-Aug	108	121	4	26,376	868	1,560	556
17-Aug	81	83	0	13,229	572	583	417
18-Aug	94	105	1	23,045	1,781	1,101	390
19-Aug	82	87	2	17,142	1,529	1,602	291
20-Aug	81	89	0	15,587	1,226	2,231	146
21-Aug	78	85	0	12,821	1,070	2,436	215
22-Aug	59	60	0	22,994	1,300	4,294	247
23-Aug	53	58	0	16,986	1,393	2,568	173
24-Aug	58	60	0	13,649	958	1,883	97
25-Aug	54	55	0	7,882	611	1,074	53
26-Aug	69	72	1	14,626	1,435	2,163	74
27-Aug	65	73	1	10,994	788	1,183	55
28-Aug	44	47	0	6,801	587	361	31
29-Aug	40	50	0	6,117	406	228	26
30-Aug	26	26	1	5,914	214	328	19
31-Aug	4	4	0	346	33	0	4
2-Sep	31	34	0	16,511	317	119	12
3-Sep	28	35	1	12,029	332	130	14
4-Sep	6	6	0	2,646	179	72	11
7-Sep	*	*	*	*	*	*	*
10-Sep	*	*	*	*	*	*	*
15-Sep	*	*	*	*	*	*	*
Total	159	5,979	3,136	1,676,881	18,011	40,084	44,890

\* Due to confidentiality rules this information may not be released.



Table 13. North Peninsula salmon harvest by species and day, 1997.

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
2-Jun	12	12	287	74	0	0	3
3-Jun	4	4	33	4	0	0	0
4-Jun	*	*	*	*	*	*	*
9-Jun	40	44	780	2,486	0	0	15
10-Jun	28	31	460	1,268	0	0	4
11-Jun	17	18	170	887	0	0	1
16-Jun	17	17	461	2,870	0	0	110
17-Jun	32	35	1,145	5,549	0	0	148
18-Jun	38	39	1,021	7,621	0	0	94
19-Jun	35	37	557	7,405	0	0	47
20-Jun	11	11	291	5,621	0	0	35
21-Jun	*	*	*	*	*	*	*
23-Jun	65	70	915	30,102	0	1	267
24-Jun	64	78	842	30,725	0	1	262
25-Jun	61	65	521	30,001	0	3	454
26-Jun	59	68	252	35,777	0	7	275
27-Jun	29	32	157	16,888	0	0	0
28-Jun	27	32	80	22,470	0	0	0
29-Jun	*	*	*	*	*	*	*
30-Jun	160	183	314	80,967	0	82	670
1-Jul	160	208	283	87,678	3	389	848
2-Jul	159	185	207	82,183	3	80	610
3-Jul	174	203	207	66,592	2	90	700
4-Jul	157	184	208	61,100	0	111	651
5-Jul	164	207	172	104,907	1	66	536
6-Jul	116	162	106	118,778	5	79	1,096
7-Jul	150	186	92	106,478	15	172	4,771
8-Jul	156	213	119	110,476	17	204	1,090
9-Jul	167	200	93	67,696	23	368	4,306
10-Jul	169	209	92	59,432	8	270	1,627
11-Jul	143	180	65	54,580	14	134	925
12-Jul	124	134	33	42,882	7	160	815
13-Jul	81	90	47	29,892	11	153	1,744
14-Jul	162	198	71	56,020	25	342	6,456
15-Jul	162	181	34	37,862	32	304	2,652
16-Jul	138	167	24	26,296	9	137	933
17-Jul	127	152	14	25,522	1	231	1,692
18-Jul	26	26	4	4,097	0	3	775
19-Jul	26	26	5	4,613	0	3	45
20-Jul	22	22	1	4,217	0	3	70
21-Jul	111	121	8	26,317	10	163	6,210
22-Jul	139	170	22	40,549	64	801	5,439
23-Jul	135	179	16	48,855	65	1,743	5,185
24-Jul	138	166	17	42,346	62	1,787	2,794
25-Jul	118	138	16	30,809	157	420	1,590
26-Jul	117	129	10	27,135	244	395	1,980

-Continued-

Table 13. (page 2 of 2)

Catch Date	Permits	Landings	Number of Fish				
			Chinook	Sockeye	Coho	Pink	Chum
27-Jul	105	124	8	16,698	127	302	1,756
28-Jul	128	139	14	19,098	131	1,726	4,966
29-Jul	116	127	4	12,984	45	760	1,523
30-Jul	95	108	1	13,726	38	789	1,270
31-Jul	95	118	7	22,270	138	1,734	1,751
1-Aug	86	111	3	19,130	160	1,550	1,241
2-Aug	71	89	2	12,934	95	987	748
3-Aug	71	89	3	14,887	97	604	1,210
4-Aug	103	122	4	20,259	149	1,581	1,650
5-Aug	102	122	0	14,422	113	529	1,043
6-Aug	105	116	2	13,366	152	583	1,109
7-Aug	104	111	1	14,183	100	515	977
11-Aug	20	20	0	839	409	20	143
12-Aug	39	44	4	3,023	863	1,294	743
13-Aug	36	37	11	1,615	969	2,454	1,271
14-Aug	77	79	1	22,828	750	805	971
15-Aug	109	117	3	26,363	408	1,496	577
16-Aug	108	121	4	26,376	868	1,560	556
17-Aug	81	83	0	13,229	572	583	417
18-Aug	136	161	1	23,983	6,983	1,211	469
19-Aug	122	132	3	17,510	5,119	1,709	340
20-Aug	131	143	1	15,978	5,061	2,354	189
21-Aug	83	90	0	12,829	1,405	2,436	215
22-Aug	59	60	0	22,994	1,300	4,294	247
23-Aug	53	58	0	16,986	1,393	2,568	173
24-Aug	58	60	0	13,649	958	1,883	97
25-Aug	111	115	1	8,022	13,009	1,079	57
26-Aug	127	135	1	14,776	13,138	2,163	84
27-Aug	123	139	2	11,079	13,476	1,187	58
28-Aug	78	82	0	6,810	5,219	362	32
29-Aug	40	50	0	6,117	406	228	26
30-Aug	26	26	1	5,914	214	328	19
31-Aug	4	4	0	346	33	0	4
1-Sep	38	38	0	30	4,172	0	2
2-Sep	71	76	0	16,538	4,392	119	12
3-Sep	67	79	2	12,061	8,134	134	14
4-Sep	17	20	0	2,653	3,268	72	11
7-Sep	*	*	*	*	*	*	*
8-Sep	*	*	*	*	*	*	*
9-Sep	*	*	*	*	*	*	*
10-Sep	*	*	*	*	*	*	*
11-Sep	*	*	*	*	*	*	*
15-Sep	*	*	*	*	*	*	*
Total	255	8,169	10,352	2,151,010	94,776	50,701	97,380

\* Due to confidentiality rules this information may not be released.

Table 14. Northwestern District pink salmon runs, 1962-1997<sup>a</sup>.

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1962	Catch	0	30,800	30,800
	Escapement	0	4,000	4,000
	Total	0	34,800	34,800
1963	Catch	0	6,000	6,000
	Escapement	0	4,400	4,400
	Total	0	10,400	10,400
1964	Catch	100	6,700	6,800
	Escapement	0	15,000 <sup>b</sup>	15,000 <sup>b</sup>
	Total	100	21,700	21,800
1965	Catch	0	2,000	2,000
	Escapement	0	900	900
	Total	0	2,900	2,900
1966	Catch	0	16,000	16,000
	Escapement	400	1,300	1,700
	Catch	400	17,300	17,700
1967	Catch	0	300	300
	Escapement	200	500	700
	Total	200	800	1,000
1968	Catch	0	0	0
	Escapement	1,500	25,000	26,500
	Total	1,500	25,000	26,500
1969	Catch	0	0	0
	Escapement	2,300	2,100	4,400
	Total	2,300	2,100	4,400
1970	Catch	0	7,800	7,800
	Escapement	0	11,100	11,100
	Total	0	18,900	18,900
1971	Catch	0	300	300
	Escapement	100	8,400	8,500
	Total	100	8,700	8,800
1972	Catch	0	0	0
	Escapement	0	1,200	1,200
	Total	0	1,200	1,200

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Table 14. (page 2 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1973	Catch	0	0	0
	Escapement	0	200 <sup>b</sup>	200 <sup>b</sup>
	Total	0	200 <sup>b</sup>	200 <sup>b</sup>
1974	Catch	0	10,300	10,300
	Escapement	0	23,000 <sup>b</sup>	23,000
	Total	0	33,300 <sup>b</sup>	33,300 <sup>b</sup>
1975	Catch	0	0	0 <sup>b</sup>
	Escapement	100	500	600
	Total	100	500	600
1976	Catch	0	0	0
	Escapement	100	37,200	37,300
	Total	100	37,200	37,300
1977	Catch	0	0	0
	Escapement	200	6,200	6,400
	Total	200	6,200	6,400
1978	Catch	2,200	465,600	467,800
	Escapement	0	90,400	90,400
	Total	2,200	556,000	558,200
1979	Catch	0	3,400	3,400
	Escapement	0	9,300	9,300
	Total	0	12,700	12,700
1980	Catch	0	297,900	297,900
	Escapement	0	94,000	94,000
	Total	0	391,900	391,900
1981	Catch	0	9,100	9,100
	Escapement	0	5,700	5,700
	Total	0	14,800	14,800
1982	Catch	0	5,100	5,100
	Escapement	200	51,500	51,700
	Total	200	56,600	56,800
1983	Catch	0	1,300	1,300
	Escapement	0	3,900	3,900
	Total	0	5,200	5,200

-Continued-

Table 14. (page 3 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1984	Catch	100	9,700	9,800
	Escapement	0	33,000	33,000
	Total	100	42,700	42,800
1985	Catch	0	1,900	1,900
	Escapement	0	1,400	1,400
	Total	0	3,300	3,300
1986	Catch	0	9,900	9,900
	Escapement	0	12,900	12,900
	Total	0	22,800	22,800
1987	Catch	0	800	800
	Escapement	0	1,100	1,100
	Total	0	1,900	1,900
1988	Catch	1,200	29,000	30,200
	Escapement	1,800	26,700	28,500
	Total	3,000	55,700	58,700
1989	Catch	0	3,200	3,200
	Escapement	0	1,900	1,900
	Total	0	5,100	5,100
1990	Catch	100	0	100
	Escapement	21,800	400	22,200
	Total	21,900	400	22,300
1991	Catch	0	3,400	3,400
	Escapement	0	1,200	1,200
	Total	0	4,600	4,600
1992	Catch	700	7,600	8,300
	Escapement	600	49,400	50,000
	Total	1,300	57,000	58,300
1993	Catch	0	100	100
	Escapement	0	700	700
	Total	0	800	800
1994	Catch	100	188,000	188,100
	Escapement	1,000	93,700	94,700
	Total	1,100	281,700	282,800

-Continued-

Table 14. (page 4 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1995	Catch	0	1,400	1,400
	Escapement	200	5,000	5,200
	Total	200	6,400	6,600
1996	Catch	600	2,600	3,200
	Escapement	19,200	197,400	216,600
	Total	19,800	200,000	219,800
1997	Catch	0	5,100	5,100
	Escapement	0	4,800	4,800
	Total	0	9,900	9,900
1987-96 Average				
	Catch	270	23,610	23,880
	Escapement	4,460	37,750	42,210
	Total	4,730	61,360	66,090

<sup>a</sup> Escapements are rounded indexed totals.

<sup>b</sup> These figures are extrapolated estimates.

Table 15. Northern District chum salmon runs, 1962 - 1997<sup>a</sup>.

Year		Cinder River	Port Heiden	Three Hills & Ilnik	Bear River	Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1962	Catch	200	8,600	600	7,000	0	3,700	0	20,100
	Escapement	500	1,900 <sup>b</sup>	1,500 <sup>b</sup>	1,500	18,300	9,700	1,000 <sup>b</sup>	34,400
	Total	700	10,500 <sup>b</sup>	2,100 <sup>b</sup>	8,500	18,300	13,400	1,000 <sup>b</sup>	54,500
1963	Catch	0	0	700	600	0	4,100	0	5,400
	Escapement	1,200	7,400 <sup>b</sup>	1,500 <sup>b</sup>	3,000 <sup>b</sup>	26,000	7,000	1,300 <sup>b</sup>	47,000
	Total	1,200	7,400 <sup>b</sup>	2,200 <sup>c</sup>	3,600 <sup>b</sup>	26,000	11,000	1,300 <sup>b</sup>	53
1964	Catch	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement	200	1,000	1,500 <sup>b</sup>	3,000	35,900	2,000	1,000 <sup>b</sup>	44,600
	Total	200	1,000	3,800 <sup>c</sup>	9,500	75,700	5,400	1,000 <sup>b</sup>	96,600
1965	Catch	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement	0	8,500	1,500 <sup>b</sup>	1,000	8,000	4,000	500 <sup>b</sup>	23,500
	Total	0	9,300	3,800 <sup>b</sup>	2,500	21,600	6,200	500 <sup>b</sup>	43,900
1966	Catch	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement	4,400	3,400 <sup>b</sup>	1,500 <sup>b</sup>	1,000	56,200	17,000	2,000	85,500
	Total	4,400	3,400 <sup>b</sup>	1,800 <sup>b</sup>	4,700	74,100	22	2,000	112,200
1967	Catch	0	0	0	13,600	2,400	5,100	0	21,100
	Escapement	2,500	3,000	9,600	2,500	25,000	29,800	2,000 <sup>b</sup>	74,400
	Total	2,500	3,000	9,600	16,100	27,400	34,900	2,000 <sup>b</sup>	95,500
1968	Catch	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement	0	11,000 <sup>b</sup>	0	9,500	47,700	18,100	2,000	88,300
	Total	0	11,000 <sup>b</sup>	3,100	17,000	58,200	21,600	2,000	112,900
1969	Catch	0	1,200	1,300	10,300	7,800	3,500	0	24,100
	Escapement	2,500	11,000 <sup>b</sup>	1,500 <sup>b</sup>	1,000	14,000	13,000	500	43,500
	Total	2,500	12,200 <sup>b</sup>	2,800 <sup>b</sup>	11,300	21,800	16,500	500	67,600
1970	Catch	0	0	1,200	14,400	12,200	7,700	0	35,500
	Escapement	1,300	22,000	500	2,000	42,800	36,000	1,500 <sup>b</sup>	106,100
	Total	1,300	22,000	1,700	16,400	55,000	43,700	1,500 <sup>b</sup>	141,600
1971	Catch	0	0	2,500	13,000	1,200	3,800	0	20,500
	Escapement	2,500	12,100	800	0	14,500	19,000	500 <sup>b</sup>	49,400
	Total	2,500	12,100	3,300	13,000	15,700	22,800	500 <sup>b</sup>	69,900
1972	Catch	0	0	800	14,000	7,400	3,200	0	25,400
	Escapement	5,300	12,200	500	3,700	8,000	16,800	500 <sup>b</sup>	47,000
	Total	5,300	12,200	1,300	17,700	15,400	20,000	500 <sup>b</sup>	72,400
1973	Catch	0	0	800	34,900	12,200	1,800	0	49,700
	Escapement	600	22,800	800	800	3,700	12,700	0	41,400
	Total	600	22,800	1,600	35,700	15,900	14,500	0	91,100

-Continued-

Table 15. (page 2 of 3)

Year		Cinder River	Port Heiden	Three Hills & Ilirik	Bear River	Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1974	Catch	0	0	1,300	15,100	3,200	500	0	20,100
	Escapement	4,600	4,500	0	1,500	3,700	8,300	400	23,000
	Total	4,600	4,500	1,300	16,600	6,900	8,800	400	43,100
1975	Catch	0	0	100	3,800	300	700	0	4,900
	Escapement	300	1,500	2,000	2,000	7,300	4,500	0	17,600
	Total	300	1,500	2,100	5,800	7,600	5,200	0	22,500
1976	Catch	0	1,100	2,900	12,300	5,500	5,800	0	27,600
	Escapement	1,900	30,700	5,700	18,000	28,500	42,500	100	127,400
	Total	1,900	31,800	8,600	30,300	34,000	48,300	100	155,000
1977	Catch	0	0	7,100	32,300	34,800	10,600	100	84,900
	Escapement	1,700 <sup>b</sup>	32,000	1,500 <sup>b</sup>	17,000	108,500	83,300	1,500	245,500
	Total	1,700 <sup>b</sup>	32,000	8,600 <sup>b</sup>	49,300	143,300	93,900	1,600	330,400
1978	Catch	0	0	1,200	14,600	6,600	10,300	0	32,700
	Escapement	7,400	22,000	1,500 <sup>b</sup>	15,500 <sup>b</sup>	89,300	10,200	1,000 <sup>b</sup>	146,900
	Total	7,400	22,000	2,700 <sup>b</sup>	30,100 <sup>b</sup>	95,900	20,500	1,000 <sup>b</sup>	179,600
1979	Catch	0	800	800	17,400	10,900	5,700	0	35,600
	Escapement	3,600 <sup>b</sup>	32,700 <sup>b</sup>	0	7,000	30,600	37,000	4,000	114,900
	Total	3,600 <sup>b</sup>	33,500 <sup>b</sup>	800	24,400	41,500	42,700	4,000	150,500
1980	Catch	0	2,600	29,800	161,700	58,600	80,100	0	332,800
	Escapement	10,000 <sup>b</sup>	33,700 <sup>b</sup>	10,000 <sup>b</sup>	20,000 <sup>b</sup>	116,100	164,000	10,400	364,200
	Total	10,000 <sup>b</sup>	36,300 <sup>b</sup>	39,800 <sup>b</sup>	181,700 <sup>b</sup>	174,700	244,100	10,400	697,000
1981	Catch	0	200	7,100	155,000	126,200	62,800	0	351,300
	Escapement	11,800 <sup>b</sup>	73,400 <sup>b</sup>	11,000 <sup>b</sup>	27,200	85,000	57,000	11,000 <sup>b</sup>	276,400
	Total	11,800 <sup>b</sup>	73,600	18,100 <sup>b</sup>	182,200	211,200	119,800	11,000 <sup>b</sup>	627,700
1982	Catch	0	700	21,200	142,400	50,200	21,400	0	235,900
	Escapement	5,500 <sup>b</sup>	35,500 <sup>b</sup>	1,000	42,400	152,000	29,100	2,000 <sup>b</sup>	267,500
	Total	5,500 <sup>b</sup>	36,200 <sup>b</sup>	22,200	184,800	202,200	50,500	2,000 <sup>b</sup>	503,400
1983	Catch	0	0	26,100	87,700	51,300	14,000	0	179,100
	Escapement	17,200	14,500	11,200	15,000 <sup>b</sup>	126,000	14,000	1,200	199,100
	Total	17,200	14,500	37,300	102,700 <sup>b</sup>	177,300	28,000	1,200	378,200
1984	Catch	0	200	174,200	42,300	119,200	78,400	0	614,300
	Escapement	13,000	85,000	4,000	7,000	241,300	49,000	10,000	409,300
	Total	13,000	85,200	178,200	49,300	360,500	127,400	10,000	1,023,600
1985	Catch	0	0	86,600	68,300	262,000	6,600	0	423,500
	Escapement	3,200	26,500	200	5,200	71,700	13,000	4,100	123,900
	Total	3,200	26,500	86,800	73,500	333,700	19,600	4,100	547,400
1986	Catch	100	800	38,700	86,700	27,800	3,600	0	157,700
	Escapement	2,200	12,000	0	6,400	55,800	800	700	77,900
	Total	2,300	12,800	38,700	93,100	83,600	4,400	700	235,600

-Continued-



Table 15. (page 3 of 3)

Year	Cinder River	Port Heiden	Three Hills & Ilnik	Bear River	Herendeen-Moller Bay	Nelson Lagoon	Caribou Flats & Black Hills	Northern District Totals
1987 Catch	0	1,000	48,000	85,500	14,200	6,700	0	155,400
Escapement	2,400	55,400	100	5,000	88,600	5,200	4,700	171,400
Total	12,400	56,400	48,100	90,500	102,800	11,900	4,700	326,800
1988 Catch	0	4,800	47,800	73,700	75,800	12,600	0	214,700
Escapement	5,300	41,600	100	3,000	76,500	11,000	6,600	144,100
Total	5,300	46,400	47,900	76,700	152,300	23,600	6,600	358,800
1989 Catch	0	1,200	16,900	40,300	66,000	5,000	1,900	131,300
Escapement	5,000	8,900	0	3,500	83,400	800	700	102,300
Total	5,000	10,100	16,900	43,800	149,400	5,800	2,600	233,600
1990 Catch	100	300	7,700	26,900	57,500	2,200	800	95,500
Escapement	4,000	7,000	200 <sup>b</sup>	1,100	101,600	1,000 <sup>b</sup>	700	115,600
Total	4,100	7,300	7,900	28,000	159,100	3,200	1,500	211,100
1991 Catch	200	400	20,800	72,800	23,600	7,400	3,400	128,600
Escapement	4,500	13,400	0	2,400 <sup>b</sup>	55,000	5,000 <sup>b</sup>	1,200	81,500
Total	4,700	13,800	20,800	75,200	78,600	12,400	4,600	210,100
1992 Catch	400	1,200	29,300	62,200	135,900	7,700	200	236,900
Escapement	5,000	22,100	300	500	89,700	16,200	2,600	136,400
Total	5,400	23,300	29,600	62,700	225,600	23,900	2,800	373,300
1993 Catch	200	100	2,400	30,500	47,600	4,500	1,300	86,600
Escapement	4,000 <sup>b</sup>	11,000 <sup>b</sup>	400 <sup>b</sup>	5,700	156,700	4,400	1,200	183,400
Total	4,200 <sup>b</sup>	11,100 <sup>b</sup>	2,800 <sup>b</sup>	36,200	204,300	8,900	2,500	270,000
1994 Catch	0	300	44,700	25,700	900	4,000	200	43,554
Escapement	24,400	30,000	300 <sup>b</sup>	4,000	163,600	5,500	3,000	230,800
Total	24,400	30,300	45,000	29,700	164,500	9,500	3,200	274,354
1995 Catch	100	100	28,200	36,900	2,500	4,600	300	72,700
Escapement	13,900	91,800	1,100	2,200	230,600	5,200	3,000	347,800
Total	14,000	91,900	29,300	39,100	233,100	9,800	3,300	420,500
1996 Catch	0	500	17,100	34,800	500	6,300	900	60,100
Escapement	25,000 <sup>b</sup>	50,000 <sup>b</sup>	0	4,000	353,200	3,600	600	436,400
Total	25,000 <sup>b</sup>	50,500 <sup>b</sup>	17,100	38,800	353,700	9,900	1,500	496,500
1997 Catch	100	0	9,200	31,200	4,500	3,800	2,400	51,200
Escapement	30,500	61,000 <sup>b</sup>	500	5,000	60,200	1,100	2,700	161,000
Total	30,600	61,000	9,700	36,200	64,700	4,900	5,100	212,200
1987-96 Average								
Catch	100	990	26,290	48,930	42,450	6,100	900	122,535
Escapement	9,350	33,120	250	3,140	139,890	5,790	2,430	194,970
Total	10,450	34,110	26,540	52,070	182,340	11,890	3,330	317,505

<sup>a</sup>Escapements are indexed totals.<sup>b</sup>These figures are extrapolated estimates.

Table 16. Northwestern District chum salmon runs, 1962 - 1997<sup>a</sup>.

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1962	Catch	6,200	8,500	14,700
	Escapement	68,000	48,000	116,500
	Total	74,200	57,000	131,200
1963	Catch	3,200	41,300	44,500
	Escapement	133,500	22,300	155,800
	Total	136,700	63,600	200,300
1964	Catch	60,200	25,700	85,900
	Escapement	95,500	16,000 <sup>b</sup>	111,500
	Total	155,700	41,700	197,400
1965	Catch	4,700	44,600	49,300
	Escapement	24,000	1,800 <sup>b</sup>	25,800
	Total	28,700	46,400	75,100
1966	Catch	8,900	47,200	56,100
	Escapement	54,000	10,000	64,000
	Total	62,900	57,200	120,100
1967	Catch	9,900	8,900	18,800
	Escapement	32,800	15,400	48,200
	Total	42,700	24,300	67,000
1968	Catch	48,800	200	49,000
	Escapement	142,700	19,800	162,500
	Total	191,500	20,000	211,500
1969	Catch	4,500	1,400	5,900
	Escapement	95,300	8,000	103,300
	Total	99,800	9,400	109,200
1970	Catch	10,000	2,400	12,400
	Escapement	58,100	5,600 <sup>b</sup>	63,700
	Total	68,100	8,000	76,100
1971	Catch	36,200	7,500	43,700
	Escapement	54,100	5,900	60,000
	Total	90,300	13,400	103,700
1972	Catch	57,900	1,500	59,400
	Escapement	65,800	11,200	77,000
	Total	123,700	12,700	136,400

-Continued-

Table 16. (page 2 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1973	Catch	96,600	6,500	103,100
	Escapement	68,100	7,500 <sup>b</sup>	75,600
	Total	164,700	14,000 <sup>b</sup>	178,700
1974	Catch	11,300	3,100	14,400
	Escapement	76,000	6,100 <sup>b</sup>	82,100
	Total	87,300	9,200	96,500
1975	Catch	3,400	500	3,900
	Escapement	74,300	17,300	91,600
	Total	77,700	17,800	95,500
1976	Catch	38,100	7,900	46,000
	Escapement	127,700	38,300	166,000
	Total	165,800	46,200	212,000
1977	Catch	20,300	22,600	42,900
	Escapement	381,400	54,300	435,700
	Total	401,700	76,900	478,600
1978	Catch	82,300	48,300	130,600
	Escapement	134,100	29,500	163,600
	Total	216,400	77,800	294,200
1979	Catch	17,800	12,500	30,300
	Escapement	178,000	12,400	190,400
	Total	195,800	24,900	220,700
1980	Catch	282,500	85,000	367,500
	Escapement	364,200	41,100	405,300
	Total	646,700	126,100	772,800
1981	Catch	296,400	59,100	355,500
	Escapement	235,000	29,600	264,600
	Total	531,400	88,700	620,100
1982	Catch	57,500	37,700	95,200
	Escapement	166,400	23,800	190,200
	Total	223,900	61,500	285,400
1983	Catch	154,800	14,900	169,700
	Escapement	173,300	20,200	193,500
	Total	328,100	35,100	363,200

-Continued-

Table 16. (page 3 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1984	Catch	102,700	79,800	182,500
	Escapement	427,500	33,400	460,900
	Total	530,200	113,200	643,400
1985	Catch	126,600	116,500	243,100
	Escapement	194,700	25,700	220,400
	Total	321,300	142,200	463,500
1986	Catch	69,100	44,400	113,500
	Escapement	142,400	23,300	165,700
	Total	211,500	67,700	279,200
1987	Catch	148,600	64,600	213,200
	Escapement	286,000	55,500	341,500
	Total	434,600	120,100	554,700
1988	Catch	112,200	66,100	178,300
	Escapement	304,400	51,800	356,200
	Total	416,600	117,900	534,500
1989	Catch	14,500	11,300	25,800
	Escapement	90,600	19,400	110,000
	Total	105,100	30,700	135,800
1990	Catch	24,000	6,600	30,600
	Escapement	92,500	18,400	110,900
	Total	116,500	25,000	141,500
1991	Catch	51,500	11,200	62,700
	Escapement	172,400	49,400	221,800
	Total	223,900	60,600	284,500
1992	Catch	61,700	43,100	104,800
	Escapement	182,200	33,100	215,300
	Total	243,900	76,200	320,100
1993	Catch	24,900	23,500	48,400
	Escapement	172,900	46,100	219,000
	Total	197,800	69,600	267,400
1994	Catch	7,000	33,200	40,200
	Escapement	140,500	108,900	249,400
	Total	147,500	142,100	289,600

-Continued-

Table 16. (page 4 of 4)

Year		Izembek - Moffet Bay	Bechevin, Swanson Lagoon & Urilia Bays	Northwestern District Total
1995	Catch	9,100	17,600	26,700
	Escapement	88,300	320,000	408,300
	Total	97,400	337,600	435,000
1996	Catch	2,000	5,700	7,700
	Escapement	278,200	108,500	386,700
	Total	280,200	114,200	394,400
1997	Catch	25,200	21,000	46,200
	Escapement	179,500	47,700	227,200
	Total	204,700	68,700	273,400
1987-96 Average				
	Catch	45,550	28,290	73,840
	Escapement	180,800	81,110	261,910
	Total	226,350	109,400	335,750

<sup>a</sup> Escapements are rounded indexed totals.

<sup>b</sup> These figures are extrapolated estimates

Table 17. North Peninsula coho salmon catches by district and section, 1987 - 1997.

Section	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1987-96 Average
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilla Bay	7,600	4,800	0	1,300	0	0	3,200	4,900	2,100	6,400	0	3,030
Swanson Lagoon	8,300	12,300	7,000	4,600	18,900	3,900	300	100	1,700	800	300	5,790
Bechevin Bay	800	100	1,500	0	100	0	600	200	0	0	0	330
Izembek - Moffit Bay	2,900	3,000	100	0	0	0	0	12,400	1,600	0	0	2,000
<b>Northwestern District Total</b>	<b>19,600</b>	<b>20,200</b>	<b>8,600</b>	<b>5,900</b>	<b>19,000</b>	<b>3,900</b>	<b>4,100</b>	<b>17,600</b>	<b>5,400</b>	<b>7,200</b>	<b>300</b>	<b>11,150</b>
Black Hills	0	0	0	0	0	0	0	0	0	0	200	0
Caribou Flats	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	83,700	95,400	119,300	79,300	67,400	73,400	24,600	62,200	44,000	76,800	32,300	72,610
Herendeen - Moller Bay	0	0	0	0	0	0	0	0	100	100	300	20
Bear River	5,000	15,700	14,500	20,200	36,400	22,100	10,200	13,900	16,000	11,700	6,300	16,570
Three Hills	2,100	3,300	1,400	1,400	2,500	4,600	1,700	11,400	9,600	6,200	6,100	4,420
Injik	21,300	35,000	26,000	11,400	5,100	13,000	7,200	20,700	12,600	9,900	5,400	16,220
Inner Port Heiden	27,500	27,300	25,900	38,900	37,300	16,700	3,300	25,200	12,000	0	18,600	21,410
Outer Port Heiden	0	8,600	14,300	0	0	0	0	0	0	0	0	2,290
Cinder River	12,600	28,500	17,600	35,900	50,600	73,100	13,300	90,200	36,000	45,400	25,400	40,320
<b>Northern District Total</b>	<b>152,200</b>	<b>213,800</b>	<b>219,000</b>	<b>187,100</b>	<b>199,300</b>	<b>202,900</b>	<b>60,300</b>	<b>223,600</b>	<b>130,300</b>	<b>150,100</b>	<b>94,600</b>	<b>173,860</b>
<b>NORTH PENINSULA TOTAL</b>	<b>171,800</b>	<b>234,000</b>	<b>227,600</b>	<b>193,000</b>	<b>218,300</b>	<b>206,800</b>	<b>64,400</b>	<b>241,200</b>	<b>135,700</b>	<b>157,300</b>	<b>94,900</b>	<b>185,010</b>

Table 18. Salmon escapement survey counts in the North Peninsula, 1997.

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Divide Creek, 311-3006										
07/26/1997	Armie Shaul	Stream	E	0	0	0	0	0	0	DISTANCE SURVEYED: SURVEYED LOWER 3 MILES, SAW NO SALMON, ABOUT 1000 D.V.
		Mouth Bay	G	0	0	0	0	0	0	
Whaleback Mtn Crk, 311-3007										
06/16/1997	Armie Shaul	Stream	G	0	0	0	0	0	0	DISTANCE SURVEYED: COULDN'T SEE ANY FISH. SEVERAL SEALS WORKING MOUTH
		Mouth Bay		0	0	0	0	0	0	
06/26/1997	Armie Shaul	Stream	G		10,000					DISTANCE SURVEYED: NOTHING IN STREAM OR UPPER END OF OUTLET CHANNEL. 5-10,000 SOCKEYE IN OUTLET CHANNEL BETWEEN MARKER AND POINT. ANOTHER 3-4,000 BELOW MARKER
		Mouth Bay								
07/03/1997	Armie Shaul	Stream	G	0	0	0	0	0	0	DISTANCE SURVEYED: NOTHING IN CREEK, ROUGHLY 1,000 R'S IN LAKE AND UPPER OUTLET CHANNEL AND 4,000 R'S BELOW POINT.
		Mouth Bay	F	0	1,000	0	0	0	0	
07/14/1997	Armie Shaul	Stream	E	0	32,700	0	0	0	0	DISTANCE SURVEYED: 9700 IN CREEK, 3000 IN LAGOON, 20000 IN OUTLET CHANNEL. THOUSANDS OF LARGE D.V. IN LOWER END OF OUTLET CHANNEL
		Mouth Bay	F							
07/26/1997	Armie Shaul	Stream	E	0	14,100	0	0	0	0	DISTANCE SURVEYED: ANOTHER 15500 R'S IN OUTLET CHANNEL DIDN'T NOTICE D.V. IN OUTLET CHANNEL THIS TIME.
		Mouth Bay								
Christianson Lagoon, 311-3008										
07/26/1997	Armie Shaul	Stream	E	0	600	0	0	0	0	DISTANCE SURVEYED: ADDITIONAL 3000 R'S IN LWR PART OF LAGOON
		Mouth Bay								
Mud Hole, 311-3009										
07/03/1997	Armie Shaul	Stream	F	0	0	0	0	0	100	DISTANCE SURVEYED: ADDITIONAL 800 CHUMS ON FLATS
		Mouth Bay		0	0	0	0	0	800	
07/14/1997	Armie Shaul	Stream	E	0	0	0	0	0	500	DISTANCE SURVEYED: ADDITIONAL 800 CHUMS IN LUTLET CHANNEL, ALSO NOTED UNDER 30.10
		Mouth Bay	G	0	0	0	0	0	1,400	

-Continued-

Table 18. (page 2 of 18)

Stream	Date	Observer	Location	Visibility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
07/26/1997 Arnie Shaul			Stream Mouth Bay	E	0	0	0	0	500	DISTANCE SURVEYED: SOME ADDITIONAL CARCASSES 200 R'S AND 500 CHUMS'S IN W. SIDE PETERSON LAGOON, AND 1000 CHUMS'S IN PETERSON LGN. OUTLET CHANNEL
08/18/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	2,500	DISTANCE SURVEYED: ADDITIONAL 200 R & 1000 CHUMS'S IN W PART OF LAGOON
Clear Lagoon, 311-3010										
07/03/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	0	DISTANCE SURVEYED:
					0	0	0	0	0	
					0	0	0	0	0	
07/14/1997 Arnie Shaul			Stream Mouth Bay	E	0	0	0	0	10	DISTANCE SURVEYED: ADDITIONAL 800 CHUMS IN OUTLET CHANNEL. ALSO NOTED UNDER 30.09
				G	0	0	0	0	100	
07/26/1997 Arnie Shaul			Stream Mouth Bay	E	0	100	0	0	0	DISTANCE SURVEYED: EAST SIDE PETERSON LGN. CHOPPY
				F	0	0	0	0	0	
				P	0	0	0	0	0	
08/18/1997 Arnie Shaul			Stream Mouth Bay	G	0	500	0	0	100	DISTANCE SURVEYED: 100 ADDITIONAL R'S IN EAST PART OF LAGOON.
Emil's River, 311-4001										
07/26/1997 Arnie Shaul			Stream Mouth Bay	G	0	100	0	0	0	DISTANCE SURVEYED: 3-4000 Dolly Varden.
08/18/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	800	2,000	DISTANCE SURVEYED:
North Creek, 311-4004										
08/18/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	800	DISTANCE SURVEYED:

-Continued-



Table 18. (page 3 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Big River, 311-5001 08/27/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	100	DISTANCE SURVEYED: CLEAR SPAWNING TRIB ONLY
			Stream Mouth Bay							DISTANCE SURVEYED: FLEW OUTLET CHANNEL ONLY, SAW 4-500 SALMON. DRIFTERS DOING WELL ON REDS BUT NOT CHUMS ON OUTSIDE.
Swanson Lagoon, 311-5002 07/03/1997 Arnie Shaul			Stream Mouth Bay							DISTANCE SURVEYED: SURVEYED CREEK ONLY
			Stream Mouth Bay							DISTANCE SURVEYED: 1200 CHUMS'S ON SPAWNING GROUNDS. ADDITIONAL 600 R'S & CHUMS'S IN LUTLET CHANNEL. DIDN'T SURVEY LAGOON, CREEK ONLY.
07/09/1997 Arnie Shaul			Stream Mouth Bay	G		300			500	DISTANCE SURVEYED: 1000 REDS AND CHUMS IN OUTLET CHANNEL.
			Stream Mouth Bay	E	0	800	0	0	500	DISTANCE SURVEYED: ADDITIONAL 1200 MIXED REDS AND CHUMS IN LOWER END OF OUTLET CHANNEL. DIDN'T SURVEY LAGOON
07/14/1997 Arnie Shaul			Stream Mouth Bay	E	0	1,300	0	0	1,400	DISTANCE SURVEYED: 1200 CHUMS'S ON SPAWNING GROUNDS. ADDITIONAL 600 R'S & CHUMS'S IN LUTLET CHANNEL. DIDN'T SURVEY LAGOON, CREEK ONLY.
			Stream Mouth Bay	E	0	400	0	0	2,100	DISTANCE SURVEYED: ADDITIONAL 1000 R'S & CHUMS'S IN OUTLET CHANNEL, AND AT LEAST 4-5000 R'S & CHUMS'S IN UPPER PART OF LAGOON
07/20/1997 Arnie Shaul			Stream Mouth Bay	E	0	200	0	0	0	DISTANCE SURVEYED: 100 R'S SPAWNING IN CREEK, 1300 R'S IN LAGOON, AND 100 IN OUTLET.
			Stream Mouth Bay	F	0	1,400	0	0	0	DISTANCE SURVEYED: 20 R'S WERE IN CREEK, BALANCE IN LAGOON MOSTLY SCHOOLED. NOTHING IN OUTLET CHANNEL EXCELLENT VIS. IN CREEK, FAIR IN LGN & OUTLET.
07/24/1997 Arnie Shaul			Stream Mouth Bay	G	0	1,620	0	0	0	DISTANCE SURVEYED: SURVEYED LAGOON AND OUTLET CHANNEL ONLY. R'S SPAWNING OR SCHOOLED IN UPPER LAGOON, CO'S FRESH, IN OUTLET CHANNEL.
			Stream Mouth Bay	F	0	2,000	500			
08/07/1997 Arnie Shaul			Stream Mouth Bay	G	0					
			Stream Mouth Bay	F	0					
08/18/1997 Arnie Shaul			Stream Mouth Bay	G	0					
			Stream Mouth Bay	F	0					
08/27/1997 Arnie Shaul			Stream Mouth Bay	G	0					
			Stream Mouth Bay	F	0					
09/02/1997 Arnie Shaul			Stream Mouth Bay	G	0					
			Stream Mouth Bay	F	0					

-Continued-

Table 18. (page 4 of 18)

Stream	Date	Observer	Location	Visi- bility	Chinook	Species				Observer Remarks
						Sockeye	Coho	Pink	Chum	
Mike's Valley, 311-6001	07/03/1997	Arnie Shaul	Stream	G	0	0	0	0	200	DISTANCE SURVEYED: ; SURVEYED LOWER TWO MILES ONLY
			Mouth	G	0	0	0	0	0	
			Bay		0	0	0	0	0	
07/09/1997	Arnie Shaul		Stream	G					3,000	DISTANCE SURVEYED: 500 WERE IN UPPER VALLEY
			Mouth Bay	G					300	
07/14/1997	Arnie Shaul		Stream	E	0	0	0	0	3,400	DISTANCE SURVEYED: 1500 IN UPPER VALLEY
			Mouth Bay	E	0	0	0	0	800	
07/20/1997	Arnie Shaul		Stream	E	0	0	0	0	6,200	DISTANCE SURVEYED: 3100 WERE IN UPPER VALLEY
			Mouth Bay	E	0	0	0	0	500	
07/24/1997	Arnie Shaul		Stream	E	0	0	0	0	7,100	DISTANCE SURVEYED: 3500 IN UPPER VALLEY, SOME SPAWNING.
			Mouth Bay	E	0	0	0	0	400	
07/26/1997	Arnie Shaul		Stream	E	0	0	0	0	3,400	DISTANCE SURVEYED: LOWER TWO MILES ONLY.
			Mouth Bay	E	0	0	0	0	600	
08/07/1997	Arnie Shaul		Stream	G	0	0	0	0	13,100	DISTANCE SURVEYED: 6900 IN UPPER VALLEY, 4800 IN LWR 2 MILES.
			Mouth Bay	E	0	0	0	0	4,000	
08/18/1997	Arnie Shaul		Stream	G	0	5	0	0	5,800	DISTANCE SURVEYED: REDS & 4000CHUMS IN UPPER VALLEY, 1300 IN LWR TWO MILES.
			Mouth Bay	E	0	0	0	0	1,500	
08/27/1997	Arnie Shaul		Stream							
			Mouth Bay							

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Table 18. (page 5 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
08/27/1997 Armie Shaul			Stream Mouth Bay	E E	0 0	0 0	0 0	0 0	4,000 1,500	DISTANCE SURVEYED: SURVEYED LOWER TWO MILES ONLY. 500 WERE SCHOOLED.
Anderson's Creek, 311-6006 08/07/1997 Armie Shaul			Stream Mouth Bay	G P	0 0	0 0	0 0	500	0	DISTANCE SURVEYED: ALL FISH WERE IN LOWER END
08/13/1997 Armie Shaul			Stream Mouth Bay	E F	0 0	0 0	0 0	0 0	800 100	DISTANCE SURVEYED:
08/27/1997 Armie Shaul			Stream Mouth Bay	G F	0 0	0 0	0 0	300 0	700 0	DISTANCE SURVEYED
Trader's Cove, 311-6007 08/13/1997 Armie Shaul			Stream Mouth Bay	G F	0 0	0 0	0 0	0 0	300 0	DISTANCE SURVEYED 4000 CHUMS IN CHANNEL
08/27/1997 Armie Shaul			Stream Mouth Bay	E G	0 0	0 0	0 0	1,000 0	1,000 2,000	DISTANCE SURV: ADDITIONAL 4000 CHUMS IN CHANNEL
09/10/1997 Armie Shaul			Stream Mouth Bay	G F	0 0	0 0	0 0	400 0	8,000 2,000	DISTANCE SURVEYED: POOR LIGHT ON FLATS AND IN CHANNEL.
09/19/1997 Armie Shaul			Stream Mouth Bay	E F	0 0	0 0	0 0	100 0	5,000 500	DISTANCE SURVEYED:
311-6008 08/07/1997 Armie Shaul			Stream Mouth Bay	G P	0 0	0 0	0 0	100 0	0 0	DISTANCE SURVEYED: POOR LIGHT ON FLATS AND IN OUTLET CHANNEL

-Continued-

Table 18. (page 6 of 18)

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks	
					Chinook	Sockeye	Coho	Pink		Chum
Warnsprings Bay, 311-6012										
08/27/1997 Arnie Shaul	Stream Mouth Bay	E	0	0	0	0	0	0	100	DISTANCE SURVEYED: NOTHING ON FLATS
09/10/1997										
Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	0	1,800	DISTANCE SURVEYED: POOR LIGHT ON FLATS, SAW TWO JUMPERS
		F	0	0	0	0	0	0		
09/19/1997										
Arnie Shaul	Stream Mouth Bay	E	0	0	0	0	0	0	2,500	DISTANCE SURVEYED:
		F	0	0	0	0	0	3,000		
Hungry's Creek, 311-6013										
08/13/1997 Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	1,500	400	DISTANCE SURVEYED	
		P								
08/27/1997										
Arnie Shaul	Stream Mouth Bay	G	0	300	0	2,000	100	DISTANCE SURVEYED: CHUMS SCHOOLED IN UPPER PORTION		
		F	0	0	0	0	0			
Norma Bay Lakes, 312-2001										
08/27/1997 Arnie Shaul	Stream Mouth Bay	G	0	300	0	0	0	0	DISTANCE SURVEYED:	
		P	0	0	0	0	100			
Mike's Duck Camp, 312-2002										
08/07/1997 Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	1,500	DISTANCE SURVEYED:	
		P								
08/18/1997										
Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	1,000	DISTANCE SURVEYED:	
08/27/1997										
Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	2,800	DISTANCE SURVEYED:	
		G	0	0	0	0	1,000			

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Table 18. (page 7 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Alligator Hole, Ctr., 312-2003	08/07/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	2,600	DISTANCE SURVEYED:
				P						
08/13/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	2,500	DISTANCE SURVEYED:	
			G	0	0	0	7,000			
08/27/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	3,100	DISTANCE SURVEYED:	
			G	0	0	0	5,000			
Alligator Hole, East, 312-2004	08/07/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	DISTANCE SURVEYED NOTHING
				P						
08/13/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	DISTANCE SURVEYED:	
			G	0	0	0	2,000			
08/27/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	400	DISTANCE SURVEYED:	
			F	0	0	0	1,000			
Frosty Creek, 312-2005	07/14/1997	Arnie Shaul	Stream Mouth Bay	E	0	0	0	0	1,800	DISTANCE SURVEYED:
				G	0	0	0	3,000		
07/20/1997	Arnie Shaul	Stream Mouth Bay	E	0	0	0	0	3,800	DISTANCE SURVEYED:	
08/07/1997	Arnie Shaul	Stream Mouth Bay	F	0	0	0	0	45,000	DISTANCE SURVEYED:	
			P							
08/13/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	7,500	DISTANCE SURVEYED:	
			P							

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Table 18. (page 8 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
08/27/1997 Arnie Shaul			Stream Mouth Bay	G G	0 0	0 0	0 0	0 0	5,300 3,000	DISTANCE SURVEYED:
Blue Bill Lake, 312-2006 08/27/1997 Arnie Shaul			Stream Mouth Bay	G P	0	1,300	0	0	100	DISTANCE SURVEYED: CHUMS IN OUTLET
09/12/1997 Arnie Shaul			Stream Mouth Bay	G	0	3,100	0	0	0	DISTANCE SURVEYED: 700 WERE IN LITTLE BLUE BILL. APPR. 800 SCHOOLED
10/03/1997 Arnie Shaul			Stream Mouth Bay	G	0	1,900	0	0	0	DISTANCE SURVEYED: 300 WERE SPAWNING IN LITTLE BLUE BILL L.
Outer Marker Lakes, 312-2013 08/27/1997 Arnie Shaul			Stream Mouth Bay	F	0	400	0	0	100	DISTANCE SURVEYED: CHUMS'S IN OUTLET. REDS IN LWR LAKE.
09/12/1997 Arnie Shaul			Stream Mouth Bay	G	0	1,400	0	0	0	DISTANCE SURVEYED: 100 WERE IN VOR LAKE, REST IN LOWER LAKE
10/03/1997 Arnie Shaul			Stream Mouth Bay	G	0	700	0	0	0	DISTANCE SURVEYED: 200 WERE SPAWNING IN UPPER LAKE.
Springs S Frosty Crk, 312-2051 08/27/1997 Arnie Shaul			Stream Mouth Bay	G G	0 0	100 0	0 0	0 0	1,100 0	DISTANCE SURVEYED:
2nd W Of Frosty Crk, 312-2052 08/27/1997 Arnie Shaul			Stream Mouth Bay	G G	0 0	300 0	0 0	0 0	700 4,000	DISTANCE SURVEYED:

-Continued-

Table 18. (page 9 of 18)

Stream	Date	Observer	Visi- bility	Location	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Springs 2m SW 09/12/1997 Arnie Shaul				Stream Mouth Bay	0	1,200	0	0	0	DISTANCE SURVEYED:
Joshua Green River, 312-4001 07/09/1997 Arnie Shaul			G	Stream Mouth Bay		2,000			2,000	DISTANCE SURVEYED: SURVEYED RIGHT HAND AND BELOW FORKS
07/14/1997 Arnie Shaul			G G	Stream Mouth Bay	0 0	3,000 0	0 0	0 0	28,300 0	DISTANCE SURVEYED: REDS ALL AT OUTLET OF LAKE, 20,000 CHUMS'S ABOVE LAKE, 8,000 CHUMS BETWEEN FORKS AND LAKE. 300 CHUMS BELOW MAIN FORKS. DIDN'T SURVEY LEFT HAND VALLEY AS TO EARLY TO FIND SALMON
07/20/1997 Arnie Shaul			G G	Stream Mouth Bay	0 0	7,000 0	0 0	0 0	33,000 0	DISTANCE SURVEYED: 500 CHUMS'S BELOW FORKS 3000 R'S AND 6000 CHUMS'S BELOW LAKE IN RIGHT HAND VALLEY. DIDN'T SURVEY LEFT HAND AS TOO EARLY
08/18/1997 Arnie Shaul			F	Stream Mouth Bay	0	14,700	0	0	38,000	DISTANCE SURVEYED: FLEW RIGHT HAND ONLY LEFT HAND FK, TOO MUDDY EXCEPT AT MOUTH OF SPAWNING; AT LEAST 80% SPAWNING 300 K'S SPAWNING IN LAKE
08/27/1997 Arnie Shaul			P P	Stream Mouth Bay	0	0	0	0	61,000	DISTANCE SURVEYED: SURVEYED LEFT HAND AND LOWER 5 MILES OF RIGHT HAND VALLEY. ESTIMATED ROUGHLY 50,000 IN LEFT HAND OF WHICH 3000 WERE ON CLEAR SPAWNING GROUNDS 11,000 CHUMS'S IN RIGHT HAND NEARLY ALL BELOW LAKE, SEVERAL JUMPERS BELOW FLATS.
09/12/1997 Arnie Shaul			F	Stream Mouth Bay	0	100	4,000	0	50,500	DISTANCE SURVEYED: 12500 CHUMS WERE IN RIGHT HAND, REST IN LEFT HAND VALLEY. 1000 COHO BELOW FK AND 3000 BELOW LAKE IN RIGHT HAND. R'S IN RIGHT HAND.
Moffet Springs Crk. 312-4002 07/14/1997 Arnie Shaul			E G	Stream Mouth Bay	0 0	0 0	0 0	0 0	1,000 0	DISTANCE SURVEYED:
08/07/1997 Arnie Shaul			G P	Stream Mouth Bay	0	0	0	0	35,000	DISTANCE SURVEYED:

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Table 18. (page 10 of 18)

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks
					Chinook	Sockeye	Coho	Chum	
08/09/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	DISTANCE SURVEYED: NOT AS GOOD SURVEY AS PREVIOUS ONE DUE TO NO FLAPS!
				P				3,000	
08/18/1997 Arnie Shaul			Stream Mouth Bay	F		200		11,000	DISTANCE SURVEYED: VISIBILITY GOOD IN UPPER END, FEELY IN REST EXCEPT POOR IN LWR 200 YARDS
				P					
09/12/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	1,000	0	DISTANCE SURVEYED:
								3,000	
Moffet Creek, 312-4003 07/14/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	0	0	DISTANCE SURVEYED
				G	0	0	0	5,000	
08/07/1997 Arnie Shaul			Stream Mouth Bay	F	0	500	0	300	DISTANCE SURVEYED: COULDN'T SEE BAILOW FORKS, GOOD VISIBILITY ON SPAWNING GROUNDS, FAIR BETWEEN FORKS AND SPAWNING GROUNDS
				P					
08/09/1997 Arnie Shaul			Stream Mouth Bay	G	0	200	0	500	DISTANCE SURVEYED: SPAWNING GROUNDS ONLY, POOR VIS, BELOW. NOT AS GOOD A SURVEY AS PREVIOUS ONE DUE TO NO FLAPS!
				P					
08/18/1997 Arnie Shaul			Stream Mouth Bay		0	400	0	2,000	DISTANCE SURVEYED: K'S SPAWNING, CHUMS'S SCHOOLED JUST BELOW SPAWNING GROUNDS TOO MURKY TO SURVEY LOW END
09/12/1997 Arnie Shaul			Stream Mouth Bay	F	0	0	0	3,400	DISTANCE SURVEYED: JUMPERS IN LWR END, PROBABLY COHO
North Creek, 313-1002 07/14/1997 Arnie Shaul			Stream Mouth Bay	G	600	0	0	0	DISTANCE SURVEYED:
					0	0	0	0	
08/01/1997 Arnie Shaul			Stream Mouth Bay	P	0	5,000	0	0	DISTANCE SURVEYED: NOTHING IN CLEAR TRIBS, MAIN STREAM GLACIAL MOST FISH SCHOOLED AT MOUTH OF FIRST TRIB.
				P					

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Table 18. (page 11 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
08/27/1997 Arnie Shaul			Stream Mouth Bay	G		5,700		1,100		DISTANCE SURVEYED: 2200 R'S WERE IN WEST LAKE
Cathedral River, 313-1005 08/27/1997 Arnie Shaul			Stream Mouth Bay	G		400				DISTANCE SURVEYED:
Black Hills Creek, 313-1011 07/14/1997 Arnie Shaul			Stream Mouth Bay	E	550 0	0 0	0 0	0 0	0 0	DISTANCE SURVEYED:
09/02/1997 Arnie Shaul			Stream Mouth Bay	G P	0	0	500	400	300	DISTANCE SURVEYED: SPECIES ID DIFFICULT. DIDN'T SURVEY EAST FK.
Steelhead Creek, 313-1014 07/14/1997 Arnie Shaul			Stream Mouth Bay	E	650 0	0 0	0 0	0 0	0 0	DISTANCE SURVEYED:
09/02/1997 Arnie Shaul			Stream Mouth Bay	G P	0	0	600	3,500	1,000	DISTANCE SURVEYED: DIDN'T SURVEY EAST FK.
David's River, 313-3001 07/14/1997 Arnie Shaul			Stream Mouth Bay	G	200 0	3,400 0	0 0	0 0	0 0	DISTANCE SURVEYED:
09/19/1997 Arnie Shaul			Stream Mouth Bay	G	0	2,100	0	0	0	DISTANCE SURVEYED: 1700 WERE SPAWNING IN BIG FISH L. MISSED A COUPLE LAKES.
Caribou River, 313-3002 08/07/1997 Arnie Shaul			Stream Mouth Bay	G	0	70	0	0	0	DISTANCE SURVEYED: SURVEYED DIVIDE LAKE AND CLEAR TRIB BELOW TRADER MTN. ALL 20 WERE IN DIVIDE L.

-Continued-

Table 18. (page 12 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Nelson R/Hoodoo L., 313-3003 06/21/1997 Bob Murphy			Stream Mouth Bay	F	300	1,500	0	0	0	DISTANCE SURVEYED: LIGHT CONDITIONS WERE NOT FAVORABLE
	07/14/1997	Arnie Shaul	Stream Mouth Bay	E	6,300	5,000	0	0	0	DISTANCE SURVEYED: SURVEYED BELOW WEIR ONLY. ACCUMULATED KING WEIR COUNT 550
	08/19/1997	Arnie Shaul	Stream Mouth Bay	G		7,000	900		1,100	DISTANCE SURVEYED: 800 OF THE COHO WERE IN LWR 3 MILES
08/26/1997 Arnie Shaul			Stream Mouth Bay	G			3,500			DISTANCE SURVEYED: SURVEYED FROM FORKS TO LEFT CREEK. 300 WERE IN LWR MILE. THE REST WERE IN FIRST 5 MILES BELOW WEIR SITE.
	09/02/1997	Arnie Shaul	Stream Mouth Bay	P						DISTANCE SURVEYED: TOO MURKY FOR COUNT
	09/19/1997	Arnie Shaul	Stream Mouth Bay	G			13,000			DISTANCE SURVEYED: MOST WERE BETWEEN WEIR AND LEFT CR., 3000 ABOVE LEFT CREEK.
10/03/1997 Arnie Shaul			Stream Mouth Bay	G	0	0	18,000	0	0	DISTANCE SURVEYED: ALL FROM BASE OF MOUNTAIN ABOVE WEIR TO ABOUT A MILE BELOW HOODOO L.
					0	0	0	0	0	
S.W. Drill Hole Lake, 313-3004 09/19/1997 Arnie Shaul			Stream Mouth Bay	F	0	1,100	0	0	0	DISTANCE SURVEYED: 1000 WERE IN SOUTHWEST LAKE, MANY STILL SCHOOLED.
Peterson Creek, 313-303 07/14/1997 Arnie Shaul			Stream Mouth Bay	E	50	0	0	0	0	DISTANCE SURVEYED:
					0	0	0	0	0	

-Continued-

Table 18. (page 13 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Doe Valley, 314-2002 08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	0	0	0	100	DISTANCE SURVEYED: 100 CHUMS IN RIVER
				G	0	0	0	0	500	
09/03/1997 Witteveen			Stream Mouth Bay	G	0	0	0	0	250	
Buck Valley, 314-2003 08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	0	0	0	200	DISTANCE SURVEYED:
09/03/1997 Witteveen			Stream Mouth Bay	G	0	0	0	0	0	
Deer Valley, 314-2004 08/01/1997 Arnie Shaul			Stream Mouth Bay	E		100			800	DISTANCE SURVEYED: ALL IN SMALL SCHOOLS, R'S ABOVE CHUMS'S
				F	0	0	0	0	0	
				P	0	0	0	0	0	
08/14/1997 Bob Murphy			Stream Mouth Bay	P	0	0	0	0	500	DISTANCE SURVEYED: MURKY WATER COND.
09/03/1997 Witteveen			Stream Mouth Bay	G	0	300	0	0	200	
				G	0	0	0	100	300	
Portage Valley, 314-2005 08/14/1997 Bob Murphy			Stream Mouth Bay	F	0	0	0	0	0	DISTANCE SURVEYED:
				G	0	0	0	0	4,000	
09/03/1997 Witteveen			Stream Mouth Bay	F	0	0	0	25	25	

-Continued-

Table 18. (page 14 of 18)

Stream	Date	Observer	Location	Visi- bility	Species					Observer Remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Grass Valley, 314-2006 08/01/1997 Arnie Shaul			Stream Mouth Bay	E	0	200	0	0	500	DISTANCE SURVEYED: HALF R'S SPAWNING. DIDNT SURVEY BETWEEN LAKE AND MAIN STREAM
				G	0	0	0	0	2,000	
				F	0	0	0	0	0	
08/01/1997 Bob Murphy			Stream Mouth Bay	E	0	300	0	0	2,500	DISTANCE SURVEYED: POOR SHOWING REDS IN LAKE
08/14/1997 Bob Murphy			Stream Mouth Bay	E		300			9,000	DISTANCE SURVEYED: CHUMS IN UPPER RIVER - REDS IN LAKE
09/03/1997 Witteveen			Stream Mouth Bay	P	0	200	0	0	500	
Lawrence Valley, 314-2007 08/01/1997 Bob Murphy			Stream Mouth Bay	E	0	0	0	0	2,000	DISTANCE SURVEYED: POOR SHOWING
08/01/1997 Arnie Shaul			Stream Mouth Bay	E	0	0	0	0	1,200	DISTANCE SURVEYED:
				G	0	0	0	0	0	
08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	600	0	0	21,000	DISTANCE SURVEYED:
				G	0	0	0	0	2,000	
09/03/1997 Witteveen			Stream Mouth Bay	G	0	100	0	50	0	
				F	0	0	0	0	500	
Mine Harbor, 314-2008 08/14/1997 Bob Murphy			Stream Mouth Bay		0	0	0	0	600	DISTANCE SURVEYED:

-Continued-

Table 18. (page 15 of 18)

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks
					Chinook	Sockeye	Coho	Chum	
Coal Creek, 314-2009 08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	0	0	1,500 6,000	DISTANCE SURVEYED: CHUMS IN UPPER RIVER, PINKS IN LOWER 1/2 MILE OF RIVER
09/03/1997 Witteveen			Stream Mouth Bay	P	0	0	0	0	TOO MURKY TO SEE FISH
Mud Bay 3004, 314-3004 08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	20	0	0 6,000	DISTANCE SURVEYED:
Mud Bay 3005, 314-3005 08/14/1997 Bob Murphy			Stream Mouth Bay		0	0	0	0 3,000	DISTANCE SURVEYED:
Head Creek, Right Hd, 314-3007 08/14/1997 Bob Murphy			Stream Mouth Bay		0	0	0	0	DISTANCE SURVEYED:
Right Head Creek, 314-3009 08/14/1997 Bob Murphy			Stream Mouth Bay	E	0	0	0	0 5,100	DISTANCE SURVEYED: 900 CHUMS IN SLOUGH, 4200 CHUMS IN RIVER
Left Head Creek, 314-3010 08/14/1997 Bob Murphy			Stream Mouth Bay		0	0	0	0 1,200	DISTANCE SURVEYED:
09/03/1997 Witteveen			Stream Mouth Bay	G	0	0	0	0 50 10	
King Salmon River, 315-1002 06/21/1997 Bob Murphy			Stream Mouth Bay	G	300	0	0	0 0	DISTANCE SURVEYED: SURVEYED LOWER 3 MILES OF RIVER 9 SPORT FISHERS.

-Continued-

Table 18. (page 16 of 18)

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks
					Chinook	Sockeye	Coho	Pink	
07/20/1997 Bob Murphy			Stream Mouth Bay	E	1,100	0	0	0	DISTANCE SURVEYED: AERIAL SURVEY
07/20/1997 Bob Murphy			Stream Mouth Bay	E	0	500	0	0	DISTANCE SURVEYED: FOOT SURVEY NEAR MOUTH. NEW FISH ENTERING RIVER. LOTS OF CHUMS.
09/19/1997 Arnie Shaul			Stream Mouth Bay	F	0	0	400	0	DISTANCE SURVEYED:
Bear River, Branches, 315-1102									
06/12/1997 Bob Murphy			Stream Mouth Bay	E	0	900	0	0	DISTANCE SURVEYED: SURVEYED FROM MOUTH TO WEIR. 500 REDS BEHIND WEIR.
06/21/1997 Bob Murphy			Stream Mouth Bay	G	0	5,500	0	0	DISTANCE SURVEYED: WEIR TO MOUTH
06/26/1997 Bob Murphy			Stream Mouth Bay	E	0	3,500	0	0	DISTANCE SURVEYED: MOUTH TO WEIR
07/05/1997 Bob Murphy			Stream Mouth Bay	9	0	1,000	0	0	DISTANCE SURVEYED: MURKY WATER COND. FISH ONLY VISIBLE IN UPPER 2 MILES OF WEIR.
07/08/1997 Bob Murphy			Stream Mouth Bay	P	0	2,500	0	0	DISTANCE SURVEYED: MURKY WATER COND. LOWER 5 MILES OF RIVER TOO MURKY TO SURVEY.
07/19/1997 Bob Murphy			Stream Mouth Bay	F	0	4,500	0	0	DISTANCE SURVEYED: LOWER RIVER TOO MURKY TO SEE FISH
07/20/1997 Bob Murphy			Stream Mouth Bay	F	1,200	5,000	0	0	DISTANCE SURVEYED: MURKY WATER COND IN BEAR R. KINGS AND CHUMS IN RIDGERUNNER CREEK TRIB. EXCELLENT COND IN RIDGERUNNER CR.

-Continued-

Table 18. (page 17 of 18)

Stream	Date	Observer	Location	Visi- bility	Chinook	Sockeye	Species			Observer Remarks
							Coho	Pink	Chum	
	07/21/1997	Bob Murphy	Stream Mouth Bay	F	0	6,000	0	0	0	DISTANCE SURVEYED: LOWER 5 MILES OF RIVER TOO MURKY
	09/19/1997	Arnie Shaul	Stream Mouth Bay	E	0	7,000	0	0	0	DISTANCE SURVEYED: SURVEYED FIRST 1/2 MILE BELOW LAKE NEARLY ALL WERE SPAWNING BETWEEN ADR&G CABIN AND LAKE.
	09/19/1997	Arnie Shaul	Stream Mouth Bay	G	0	0	0	0	0	DISTANCE SURVEYED:
				G	0	0	0	0	0	
Sandy R., 315-1200										
06/21/1997		Bob Murphy	Stream Mouth Bay	P	200	0	0	0	0	DISTANCE SURVEYED: KINGS IN LOWER 1/2 MILE OF RIVER POOR SURVEY CONDITIONS FOR REMAINDER OF RIVER
07/05/1997		Bob Murphy	Stream Mouth Bay	P	0	0	0	0	0	DISTANCE SURVEYED MURKY WATER (COND) UNSURVEYABLE
07/12/1997		Bob Murphy	Stream Mouth Bay	G	2,000	500				DISTANCE SURVEYED: MOST KINGS IN LOWER RIVER
Lime Creek, 316-1001										
08/14/1997		Bob Murphy	Stream Mouth Bay	G	0	150	0	0	100	DISTANCE SURVEYED:
Unn,c Seniavin/3hill, 316-1002										
08/14/1997		Bob Murphy	Stream Mouth Bay	G	0	0	0	0	250	DISTANCE SURVEYED: SURVEYED LOWER 3 MILES OF RIVER
SW Of 3 Hills, 316-1004										
08/14/1997		Bob Murphy	Stream Mouth Bay	G	0	200	0	0	100	DISTANCE SURVEYED:

-Continued-

Table 18. (page 18 of 18)

Stream	Date	Observer	Location	Visi- bility	Species				Observer Remarks
					Chinook	Sockeye	Coho	Chum	
Ocean River, 316-1005 09/19/1997 Armie Shaul			Stream	E	0	0	600	0	DISTANCE SURVEYED: ALL WERE IN LOWER 2 MILES. RIVER SITLL EMPTIES INTO ILNIK LAKE
			Mouth Bay					0	
IlNIK River/estuary, 316-2001 09/19/1997 Armie Shaul			Stream	G	0	0	19,000	0	DISTANCE SURVEYED: NEARLY ALL WERE ABOVE VILLAGE, NOTHING BELOW AND NOTHING IN ILNIK RIVER. MOST STARTING TO TURN COLOR.
			Mouth Bay					0	
Willie Creek, 316-2006 09/19/1997 Armie Shaul			Stream	G	0	0	400	0	DISTANCE SURVEYED: ALL WERE IN OUTLET OF LWR LAKE AND THE OUTLET CHANNEL
			Mouth Bay					0	



Table 19. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Nelson River weir, 1997.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
May 29 to June 18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	2	0	0	2	0	0
22	2	0	0	4	0	0
23	61	0	2	65	0	2
24	45	0	0	110	0	2
25	44	0	0	154	0	2
26	34	0	0	188	0	2
27	9	0	0	197	0	2
28	9	0	0	206	0	2
29	37	0	0	243	0	2
30	86	0	0	329	0	2
July 1	46	0	0	375	0	2
2	13	0	0	388	0	2
3	4	0	0	392	0	2
4	3	0	0	395	0	2
5	8	0	0	403	0	2
6	24	0	0	427	0	2
7	6	2	0	433	2	2
8	16	4	2	449	6	4
9	9	2	5	458	8	9
10	21	0	0	479	8	9
11	13	0	0	492	8	9
12	30	0	0	522	8	9
13	25	1	0	547	9	9
14	5	0	0	552	9	9
15	13	0	0	565	9	9
16	60	13	5	625	22	14
17	37	2	7	662	24	21
18	24	4	17	686	28	38
19	158	45	85	844	73	123
20	33	14	11	877	87	134
21	26	2	2	903	89	136
22	28	0	0	931	89	136
Total	931	89	136	931	89	136
Post Weir Escapement				5,919	--	964
Total Escapement				6,850	97	1,100

Table 20. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Bear River weir, 1997.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
May 29 to June 27	0	0	0	0	0	0
28	0	1	2	0	1	2
29	0	0	2	0	1	4
30	0	0	0	0	1	4
July 1	0	0	0	0	1	4
2	0	0	0	0	1	4
3	0	0	0	0	1	4
4	0	0	0	0	1	4
5	0	0	0	0	1	4
6	0	0	1	0	1	5
7	0	0	0	0	1	5
8	0	2	0	0	3	5
9	2	3	0	2	6	5
10	0	4	3	2	10	8
11	2	0	0	4	10	8
12	0	2	1	4	12	9
13	0	3	1	4	15	10
14	0	0	0	4	15	10
15	0	0	0	4	15	10
16	0	0	0	4	15	10
17	0	1	0	4	16	10
18	0	0	0	4	16	10
19	0	1	2	4	17	12
20	0	7	2	4	24	14
21	0	15	0	4	39	14
22	0	13	0	4	52	14
23	0	5	1	4	57	15
24	3	2	0	7	59	15
25	0	4	0	7	63	15
26	0	4	0	7	67	15
27	0	2	0	7	69	15
28	0	15	0	7	84	15
29	1	35	1	8	119	16
30	0	44	0	8	163	16
31	0	7	1	8	170	17
August 1	0	19	0	8	189	17
2	2	17	0	10	206	17
3	0	32	2	10	238	19
4	0	38	1	10	276	20
5	0	18	0	10	294	20
6	0	36	0	10	330	20
7	0	62	2	10	392	22
8	0	28	1	10	420	23
9	0	83	3	10	503	26

-Continued-

Table 20. (page 2 of 2)

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
August 10	1	66	3	11	569	29
11	2	26	0	13	595	29
12	0	37	4	13	632	33
13	0	166	0	13	798	33
14	1	304	4	14	1,102	37
15	0	295	14	14	1,397	51
16	0	104	9	14	1,501	60
17	0	88	6	14	1,589	66
18	2	55	3	16	1,644	69
19	2	91	5	18	1,735	74
20	0	101	8	18	1,836	82
21	0	40	3	18	1,876	85
22	0	40	7	18	1,916	92
23	0	24	3	18	1,940	95
24	0	102	4	18	2,042	99
25	0	22	6	18	2,064	105
Total	18	2,064	105	18	2,064	105

Table 21. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Sandy River weir, 1997.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
May 29 to June 17	1	0	0	1	0	0
18	0	0	0	1	0	0
19	0	0	0	1	0	0
20	0	0	0	1	0	0
21	0	0	0	1	0	0
22	0	0	0	1	0	0
23	1	0	0	2	0	0
24	5	0	0	7	0	0
25	2	0	0	9	0	0
26	0	0	0	9	0	0
27	5	0	0	14	0	0
28	13	0	0	27	0	0
29	17	0	0	44	0	0
30	6	0	0	50	0	0
July 1	4	0	0	54	0	0
2	3	0	0	57	0	0
3	10	0	0	67	0	0
4	11	0	0	78	0	0
5	53	0	0	131	0	0
6	14	0	0	145	0	0
7	22	0	0	167	0	0
8	23	0	4	190	0	4
9	17	0	4	207	0	8
10	11	0	9	218	0	17
11	15	0	1	233	0	18
12	5	0	1	238	0	19
13	15	0	3	253	0	22
14	3	3	0	256	3	22
15	7	0	0	263	3	22
16	9	0	0	272	3	22
17	19	0	0	291	3	22
18	16	4	0	307	7	22
19	15	0	2	322	7	24
20	12	2	4	334	9	28
21	28	9	6	362	18	34
22	13	10	6	375	28	40
23	14	27	5	389	55	45
24	5	15	1	394	70	46
25	9	20	1	403	90	47
26	0	5	0	403	95	47
Total	403	95	47	403	95	47

Table 22. Chinook, pink, and chum salmon daily and cumulative escapement counts through the Ilnik River weir, 1997.

Date	Daily			Cumulative		
	Chinook	Pink	Chum	Chinook	Pink	Chum
May 29 to June 26	1	0	0	1	0	0
27	1	0	0	2	0	0
28	1	0	0	3	0	0
29	0	0	0	3	0	0
30	0	0	0	3	0	0
July 1	0	0	0	3	0	0
2	0	0	0	3	0	0
3	1	0	0	4	0	0
4	0	0	0	4	0	0
5	0	0	0	4	0	0
6	0	0	0	4	0	0
7	0	0	0	4	0	0
8	1	0	0	5	0	0
9	1	0	0	6	0	0
10	0	0	0	6	0	0
11	0	0	0	6	0	0
12	1	0	0	7	0	0
13	0	1	0	7	1	0
14	0	0	0	7	1	0
15	0	2	0	7	3	0
16	1	0	0	8	3	0
17	0	0	0	8	3	0
18	0	0	0	8	3	0
Total	8	3	0	8	3	0

Table 23. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 1997.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
May 29 to June 18	0	0	0	0	0	0	0.0	0.0	0.0	0.0
19	11	1	12	11	1	12	91.7	8.3	0.0	0.0
20	15	4	19	26	5	31	78.9	21.1	0.0	0.0
21	91	12	103	117	17	134	88.3	11.7	0.1	0.1
22	306	21	327	423	38	461	93.6	6.4	0.2	0.3
23	15,852	583	16,435	16,275	621	16,896	96.5	3.5	9.1	0.3
24	5,918	304	6,222	22,193	925	23,118	95.1	4.9	12.4	0.5
25	3,166	419	3,585	25,359	1,344	26,703	88.3	11.7	14.1	0.7
26	2,162	331	2,493	27,521	1,675	29,196	86.7	13.3	15.3	0.9
27	1,365	218	1,583	28,886	1,893	30,779	86.2	13.8	16.1	1.1
28	3,004	463	3,467	31,890	2,356	34,246	86.6	13.4	17.8	1.3
29	7,290	725	8,015	39,180	3,081	42,261	91.0	9.0	21.8	1.7
30	17,825	976	18,801	57,005	4,057	61,062	94.8	5.2	31.8	2.3
July 1	8,626	418	9,044	65,631	4,475	70,106	95.4	4.6	36.6	2.5
2	5,934	452	6,386	71,565	4,927	76,492	92.9	7.1	39.9	2.7
3	6,869	451	7,320	78,434	5,378	83,812	93.8	6.2	43.7	3.0
4	4,789	350	5,139	83,223	5,728	88,951	93.2	6.8	46.4	3.2
5	3,083	262	3,345	86,306	5,990	92,296	92.2	7.8	48.1	3.3
6	5,736	513	6,249	92,042	6,503	98,545	91.8	8.2	51.3	3.6
7	8,925	594	9,519	100,967	7,097	108,064	93.8	6.2	56.3	4.0
8	7,671	621	8,292	108,638	7,718	116,356	92.5	7.5	60.6	4.3
9	5,746	620	6,366	114,384	8,338	122,722	90.3	9.7	63.8	4.6
10	5,304	527	5,831	119,688	8,865	128,553	91.0	9.0	66.7	4.9
11	4,438	402	4,840	124,126	9,267	133,393	91.7	8.3	69.2	5.2
12	6,302	450	6,752	130,428	9,717	140,145	93.3	6.7	72.7	5.4
13	5,242	438	5,680	135,670	10,155	145,825	92.3	7.7	75.6	5.7

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Table 23. (page 2 of 2)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
14	3,716	231	3,947	139,386	10,386	149,772	94.1	5.9	77.7	5.8
15	5,994	378	6,372	145,380	10,764	156,144	94.1	5.9	81.1	6.0
16	7,860	523	8,383	153,240	11,287	164,527	93.8	6.2	85.4	6.3
17	3,259	241	3,500	156,499	11,528	168,027	93.1	6.9	87.3	6.4
18	1,725	123	1,848	158,224	11,651	169,875	93.3	6.7	88.2	6.5
19	2,652	176	2,828	160,876	11,827	172,703	93.8	6.2	89.7	6.6
20	1,900	162	2,062	162,776	11,989	174,765	92.1	7.9	90.8	6.7
21	2,009	183	2,192	164,785	12,172	176,957	91.7	8.3	91.9	6.8
22	2,243	165	2,408	167,028	12,337	179,365	93.1	6.9	93.1	6.9
Total	167,028	12,337	179,365	167,028	12,337	179,365				
Post Weir Sockeye Escapement Estimate:				3,635						
Estimated Total Sockeye Escapement:				183,000						

<sup>a</sup>Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weirs were removed.

Table 24. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 1997.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
May 29 to June 1	0	0	0	0	0	0	0.0	0.0	0.0	0.0
2	13	0	13	13	0	13	100.0	0.0	0.0	0.0
3	120	1	121	133	1	134	99.2	0.8	0.0	0.0
4	198	0	198	331	1	332	100.0	0.0	0.1	0.1
5	94	0	94	425	1	426	100.0	0.0	0.1	0.1
6	403	3	406	828	4	832	99.3	0.7	0.3	0.3
7	441	4	445	1,269	8	1,277	99.1	0.9	0.4	0.4
8	682	3	685	1,951	11	1,962	99.6	0.4	0.6	0.6
9	444	8	452	2,395	19	2,414	98.2	1.8	0.7	0.7
10	341	5	346	2,736	24	2,760	98.6	1.4	0.8	0.8
11	218	2	220	2,954	26	2,980	99.1	0.9	0.9	0.9
12	1,903	33	1,936	4,857	59	4,916	98.3	1.7	1.5	1.5
13	556	5	561	5,413	64	5,477	99.1	0.9	1.7	1.7
14	1,837	23	1,860	7,250	87	7,337	98.8	1.2	2.2	2.2
15	3,270	43	3,313	10,520	130	10,650	98.7	1.3	3.2	3.3
16	6,565	76	6,641	17,085	206	17,291	98.9	1.1	5.2	5.3
17	4,338	83	4,421	21,423	289	21,712	98.1	1.9	6.5	6.6
18	2,385	96	2,481	23,808	385	24,193	96.1	3.9	7.3	7.4
19	2,546	98	2,644	26,354	483	26,837	96.3	3.7	8.0	8.2
20	1,079	68	1,147	27,433	551	27,984	94.1	5.9	8.4	8.5
21	2,592	49	2,641	30,025	600	30,625	98.1	1.9	9.2	9.4
22	4,849	108	4,957	34,874	708	35,582	97.8	2.2	10.7	10.9
23	7,592	176	7,768	42,466	884	43,350	97.7	2.3	13.0	13.2
24	9,407	389	9,796	51,873	1,273	53,146	96.0	4.0	15.8	16.2
25	3,505	236	3,741	55,378	1,509	56,887	93.7	6.3	16.9	17.4
26	2,692	231	2,923	58,070	1,740	59,810	92.1	7.9	17.7	18.3

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Table 24. (page 2 of 4)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
27	3,430	390	3,820	61,500	2,130	63,630	89.8	10.2	18.8	0.7
28	7,852	953	8,805	69,352	3,083	72,435	89.2	10.8	21.2	0.9
29	15,112	732	15,844	84,464	3,815	88,279	95.4	4.6	25.8	1.2
30	9,366	378	9,744	93,830	4,193	98,023	96.1	3.9	28.7	1.3
July 1	2,199	167	2,366	96,029	4,360	100,389	92.9	7.1	29.3	1.3
2	4,197	344	4,541	100,226	4,704	104,930	92.4	7.6	30.6	1.4
3	3,152	319	3,471	103,378	5,023	108,401	90.8	9.2	31.6	1.5
4	1,212	272	1,484	104,590	5,295	109,885	81.7	18.3	31.9	1.6
5	1,744	494	2,238	106,334	5,789	112,123	77.9	22.1	32.5	1.8
6	1,457	397	1,854	107,791	6,186	113,977	78.6	21.4	32.9	1.9
7	1,745	450	2,195	109,536	6,636	116,172	79.5	20.5	33.5	2.0
8	4,066	823	4,889	113,602	7,459	121,061	83.2	16.8	34.7	2.3
9	13,361	923	14,284	126,963	8,382	135,345	93.5	6.5	38.8	2.6
10	6,008	842	6,850	132,971	9,224	142,195	87.7	12.3	40.6	2.8
11	2,371	547	2,918	135,342	9,771	145,113	81.3	18.7	41.3	3.0
12	1,959	561	2,520	137,301	10,332	147,633	77.7	22.3	41.9	3.2
13	1,951	641	2,592	139,252	10,973	150,225	75.3	24.7	42.5	3.4
14	1,761	673	2,434	141,013	11,646	152,659	72.4	27.6	43.1	3.6
15	873	472	1,345	141,886	12,118	154,004	64.9	35.1	43.3	3.7
16	1,608	881	2,489	143,494	12,999	156,493	64.6	35.4	43.8	4.0
17	1,118	711	1,829	144,612	13,710	158,322	61.1	38.9	44.2	4.2
18	1,005	391	1,396	145,617	14,101	159,718	72.0	28.0	44.5	4.3
19	3,408	991	4,399	149,025	15,092	164,117	77.5	22.5	45.5	4.6
20	5,775	1,118	6,893	154,800	16,210	171,010	83.8	16.2	47.3	5.0
21	11,395	1,644	13,039	166,195	17,854	184,049	87.4	12.6	50.8	5.5
22	9,942	1,216	11,158	176,137	19,070	195,207	89.1	10.9	53.8	5.8
23	1,626	888	2,514	177,763	19,958	197,721	64.7	35.3	54.3	6.1

-Continued-

Table 24. (page 3 of 4)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
24	1,210	740	1,950	178,973	20,698	199,671	62.1	37.9	54.7	6.3
25	1,673	1,141	2,814	180,646	21,839	202,485	59.5	40.5	55.2	6.7
26	1,307	870	2,177	181,953	22,709	204,662	60.0	40.0	55.6	6.9
27	1,328	1,163	2,491	183,281	23,872	207,153	53.3	46.7	56.0	7.3
28	1,523	1,027	2,550	184,804	24,899	209,703	59.7	40.3	56.4	7.6
29	1,838	645	2,483	186,642	25,544	212,186	74.0	26.0	57.0	7.8
30	1,450	565	2,015	188,092	26,109	214,201	72.0	28.0	57.4	8.0
31	289	199	488	188,381	26,308	214,689	59.2	40.8	57.5	8.0
Aug. 1	1,056	579	1,635	189,437	26,887	216,324	64.6	35.4	57.9	8.2
2	1,518	1,077	2,595	190,955	27,964	218,919	58.5	41.5	58.3	8.5
3	1,447	826	2,273	192,402	28,790	221,192	63.7	36.3	58.8	8.8
4	1,308	468	1,776	193,710	29,258	222,968	73.6	26.4	59.2	8.9
5	1,137	384	1,521	194,847	29,642	224,489	74.8	25.2	59.5	9.1
6	641	185	826	195,488	29,827	225,315	77.6	22.4	59.7	9.1
7	1,098	299	1,397	196,586	30,126	226,712	78.6	21.4	60.0	9.2
8	3,224	678	3,902	199,810	30,804	230,614	82.6	17.4	61.0	9.4
9	4,014	750	4,764	203,824	31,554	235,378	84.3	15.7	62.3	9.6
10	4,374	432	4,806	208,198	31,986	240,184	91.0	9.0	63.6	9.8
11	1,185	127	1,312	209,383	32,113	241,496	90.3	9.7	64.0	9.8
12	930	78	1,008	210,313	32,191	242,504	92.3	7.7	64.2	9.8
13	8,872	329	9,201	219,185	32,520	251,705	96.4	3.6	66.9	9.9
14	29,756	1,121	30,877	248,941	33,641	282,582	96.4	3.6	76.0	10.3
15	12,081	813	12,894	261,022	34,454	295,476	93.7	6.3	79.7	10.5
16	5,330	329	5,659	266,352	34,783	301,135	94.2	5.8	81.4	10.6
17	4,150	463	4,613	270,502	35,246	305,748	90.0	10.0	82.6	10.8
18	4,384	847	5,231	274,886	36,093	310,979	83.8	16.2	84.0	11.0
19	4,961	957	5,918	279,847	37,050	316,897	83.8	16.2	85.5	11.3

-Continued-

Table 24. (page 4 of 4)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
20	4,045	966	5,011	283,892	38,016	321,908	80.7	19.3	86.7	11.6
21	1,000	460	1,460	284,892	38,476	323,368	68.5	31.5	87.0	11.8
22	604	211	815	285,496	38,687	324,183	74.1	25.9	87.2	11.8
23	532	164	696	286,028	38,851	324,879	76.4	23.6	87.4	11.9
24	1,098	410	1,508	287,126	39,261	326,387	72.8	27.2	87.7	12.0
25	759	259	1,018	287,885	39,520	327,405	74.6	25.4	87.9	12.1
Total	287,885	39,520	327,405							
Post Weir Sockeye Escapement Estimate:				32,595						
Estimated Total Sockeye Escapement:				360,000						

<sup>a</sup>Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weirs were removed.

Table 25. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 1997.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
May 29 to June 11	0	0	0	0	0	0	0.0	0.0	0.0	0.0
12	13	0	13	13	0	13	100.0	0.0	0.0	0.0
13	6	4	10	19	4	23	60.0	40.0	0.1	0.1
14	0	0	0	19	4	23	0.0	0.0	0.1	0.1
15	22	0	22	41	4	45	100.0	0.0	0.1	0.1
16	1	0	1	42	4	46	100.0	0.0	0.1	0.1
17	11	23	34	53	27	80	32.4	67.6	0.2	0.2
18	41	31	72	94	58	152	56.9	43.1	0.3	0.4
19	180	12	192	274	70	344	93.8	6.3	0.8	1.0
20	1,042	59	1,101	1,316	129	1,445	94.6	5.4	3.8	4.2
21	128	9	137	1,444	138	1,582	93.4	6.6	4.2	4.6
22	51	2	53	1,495	140	1,635	96.2	3.8	4.3	4.7
23	603	25	628	2,098	165	2,263	96.0	4.0	6.1	6.6
24	550	23	573	2,648	188	2,836	96.0	4.0	7.7	8.2
25	932	56	988	3,580	244	3,824	94.3	5.7	10.4	11.1
26	629	81	710	4,209	325	4,534	88.6	11.4	12.2	13.2
27	1,086	147	1,233	5,295	472	5,767	88.1	11.9	15.4	16.7
28	1,111	134	1,245	6,406	606	7,012	89.2	10.8	18.6	20.4
29	2,181	356	2,537	8,587	962	9,549	86.0	14.0	24.9	27.7
30	455	17	472	9,042	979	10,021	96.4	3.6	26.3	29.1
July 1	1,876	156	2,032	10,918	1,135	12,053	92.3	7.7	31.7	35.0
2	1,278	104	1,382	12,196	1,239	13,435	92.5	7.5	35.4	39.0
3	992	87	1,079	13,188	1,326	14,514	91.9	8.1	38.3	42.2
4	890	351	1,241	14,078	1,677	15,755	71.7	28.3	40.9	45.8
5	972	234	1,206	15,050	1,911	16,961	80.6	19.4	43.7	49.3
6	585	121	706	15,635	2,032	17,667	82.9	17.1	45.4	51.3
7	787	153	940	16,422	2,185	18,607	83.7	16.3	47.7	54.0
8	1,056	142	1,198	17,478	2,327	19,805	88.1	11.9	50.8	57.5

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Table 25. (page 2 of 2)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks
9	1,298	167	1,465	18,776	2,494	21,270	88.6	11.4	54.5	7.2
10	1,389	136	1,525	20,165	2,630	22,795	91.1	8.9	58.6	7.6
11	1,000	94	1,094	21,165	2,724	23,889	91.4	8.6	61.5	7.9
12	1,109	104	1,213	22,274	2,828	25,102	91.4	8.6	64.7	8.2
13	611	49	660	22,885	2,877	25,762	92.6	7.4	66.5	8.4
14	206	30	236	23,091	2,907	25,998	87.3	12.7	67.1	8.4
15	81	5	86	23,172	2,912	26,084	94.2	5.8	67.3	8.5
16	1,132	73	1,205	24,304	2,985	27,289	93.9	6.1	70.6	8.7
17	1,016	114	1,130	25,320	3,099	28,419	89.9	10.1	73.5	9.0
18	762	128	890	26,082	3,227	29,309	85.6	14.4	75.7	9.4
19	596	54	650	26,678	3,281	29,959	91.7	8.3	77.5	9.5
20	531	62	593	27,209	3,343	30,552	89.5	10.5	79.0	9.7
21	845	74	919	28,054	3,417	31,471	91.9	8.1	81.5	9.9
22	929	47	976	28,983	3,464	32,447	95.2	4.8	84.2	10.1
23	848	81	929	29,831	3,545	33,376	91.3	8.7	86.6	10.3
24	539	53	592	30,370	3,598	33,968	91.0	9.0	88.2	10.4
25	418	47	465	30,788	3,645	34,433	89.9	10.1	89.4	10.6
26	6	1	7	30,794	3,646	34,440	85.7	14.3	89.4	10.6
Total	30,788	3,645	34,433				89.4	10.6	89.4	10.6
Post Weir Sockeye Escapement Estimate: 3,567										
Estimated Total Sockeye Escapement: 38,000										

<sup>a</sup>Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weirs were removed.

Table 26. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 1997.

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
May 29	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30	400	0	400	400	0	400	100.0	0.0	0.5	0.0	0.5
31	391	5	396	791	5	796	98.7	1.3	1.0	0.0	1.0
June 1	510	9	519	1,301	14	1,315	98.3	1.7	1.7	0.0	1.7
2	195	2	197	1,496	16	1,512	99.0	1.0	1.9	0.0	2.0
3	64	1	65	1,560	17	1,577	98.5	1.5	2.0	0.0	2.0
4	358	1	359	1,918	18	1,936	99.7	0.3	2.5	0.0	2.5
5	149	1	150	2,067	19	2,086	99.3	0.7	2.7	0.0	2.7
6	2,374	9	2,383	4,441	28	4,469	99.6	0.4	5.8	0.0	5.8
7	1,391	3	1,394	5,832	31	5,863	99.8	0.2	7.6	0.0	7.6
8	403	1	404	6,235	32	6,267	99.8	0.2	8.1	0.0	8.1
9	249	3	252	6,484	35	6,519	98.8	1.2	8.4	0.0	8.5
10	296	4	300	6,780	39	6,819	98.7	1.3	8.8	0.1	8.9
11	157	3	160	6,937	42	6,979	98.1	1.9	9.0	0.1	9.1
12	1,136	6	1,142	8,073	48	8,121	99.5	0.5	10.5	0.1	10.5
13	451	0	451	8,524	48	8,572	100.0	0.0	11.1	0.1	11.1
14	1,354	5	1,359	9,878	53	9,931	99.6	0.4	12.8	0.1	12.9
15	2,739	18	2,757	12,617	71	12,688	99.3	0.7	16.4	0.1	16.5
16	421	4	425	13,038	75	13,113	99.1	0.9	16.9	0.1	17.0
17	1,358	9	1,367	14,396	84	14,480	99.3	0.7	18.7	0.1	18.8
18	463	9	472	14,859	93	14,952	98.1	1.9	19.3	0.1	19.4
19	1,085	6	1,091	15,944	99	16,043	99.5	0.5	20.7	0.1	20.8
20	1,197	9	1,206	17,141	108	17,249	99.3	0.7	22.3	0.1	22.4
21	2,172	13	2,185	19,313	121	19,434	99.4	0.6	25.1	0.2	25.2
22	1,231	5	1,236	20,544	126	20,670	99.6	0.4	26.7	0.2	26.8
23	1,364	3	1,367	21,908	129	22,037	99.8	0.2	28.4	0.2	28.6
24	4,719	22	4,741	26,627	151	26,778	99.5	0.5	34.6	0.2	34.8
25	3,071	20	3,091	29,698	171	29,869	99.4	0.6	38.6	0.2	38.8
26	2,055	12	2,067	31,753	183	31,936	99.4	0.6	41.2	0.2	41.5
27	3,048	19	3,067	34,801	202	35,003	99.4	0.6	45.2	0.3	45.4
28	2,559	35	2,594	37,360	237	37,597	98.7	1.3	48.5	0.3	48.8
29	4,774	40	4,814	42,134	277	42,411	99.2	0.8	54.7	0.4	55.1
30	2,484	29	2,513	44,618	306	44,924	98.8	1.2	57.9	0.4	58.3
July 1	5,638	76	5,714	50,256	382	50,638	98.7	1.3	65.2	0.5	65.7
2	4,720	53	4,773	54,976	435	55,411	98.9	1.1	71.4	0.6	71.9
3	3,661	50	3,711	58,637	485	59,122	98.7	1.3	76.1	0.6	76.8
4	3,450	89	3,539	62,087	574	62,661	97.5	2.5	80.6	0.7	81.3
5	4,245	78	4,323	66,332	652	66,984	98.2	1.8	86.1	0.8	87.0
6	2,579	72	2,651	68,911	724	69,635	97.3	2.7	89.5	0.9	90.4
7	1,547	70	1,617	70,458	794	71,252	95.7	4.3	91.5	1.0	92.5
8	1,159	45	1,204	71,617	839	72,456	96.3	3.7	93.0	1.1	94.1
9	549	35	584	72,166	874	73,040	94.0	6.0	93.7	1.1	94.8
10	814	55	869	72,980	929	73,909	93.7	6.3	94.7	1.2	95.9
11	428	15	443	73,408	944	74,352	96.6	3.4	95.3	1.2	96.5

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Table 26. (page 2 of 2)

Date	Daily			Cumulative			Daily Percent		Cumulative Percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
12	564	35	599	73,972	979	74,951	94.2	5.8	96.0	1.3	97.3
13	599	54	653	74,571	1,033	75,604	91.7	8.3	96.8	1.3	98.1
14	207	54	261	74,778	1,087	75,865	79.3	20.7	97.1	1.4	98.5
15	351	40	391	75,129	1,127	76,256	89.8	10.2	97.5	1.5	99.0
16	755	20	775	75,884	1,147	77,031	97.4	2.6	98.5	1.5	100.0

Total        75,884    1,147    77,031

Post Weir Sockeye Escapement Estimate:

4,969

Estimated Total Sockeye Escapement:

82,000

<sup>a</sup> Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weirs were removed.

Table 27. Emergency order summary for the North Peninsula, 1997.

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EMERGENCY ORDER NO. 4-FS-M-CB-02-97

EFFECTIVE DATE: June 1, 1997

EXPLANATION:

This emergency order:

(1) Delays the commercial salmon season until June 30 in the Urilia Bay Section.

(2) Closes all Sanak Island waters to commercial salmon fishing through June 30. This includes all waters south of the latitude of Hague Rock and east of the longitude of cape Pankof south of the latitude of Hague Rock.

JUSTIFICATION:

The early portion of the Urilia Bay sockeye run has been weakened by intense early fishing pressure in the past. Delaying the fishery until June 30, or until the escapement justifies an earlier fishery, is necessary to rebuild the early portion of the run.

The area around Sanak Island has produced high chum to sockeye ratios in the past. There is a limit to the number of chum salmon that can be taken in the South Unimak and Shumagin Island June Fisheries. This means that the Fishery will close before the sockeye allocation is reached if the chum limit is reached first.

Historically commercial salmon fishing records indicate a very limited to non-existent fishing effort around Sanak Island, although in 1990 and 1991, fishing interest increased. Even though the fishing effort was light (i.e. less than four boats) the corresponding catch per unit of effort combined with the high chum per sockeye ratio could result in substantial numbers of chum salmon being harvested, if effort were to increase.

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EMERGENCY ORDER NO. 4-FS-M-CB-14-97

EFFECTIVE DATE: 6:00 p.m. June 18, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period approximately 30 hours until 11:59 p.m. Thursday, during the week of June 15-21 in the Inner Port Heiden Section.

JUSTIFICATION:

The fishing effort in Inner Port Heiden for chinook salmon during June 17 consisted of nine units of gear which is about half the normal level. The harvest of 690 Chinook salmon would be a good harvest for the normal effort level. The Port Heiden fleet will likely be moving to Bristol Bay to fish sockeye after this week. More fishing time can be granted at this time without jeopardizing the run.

EMERGENCY ORDER NO. 4-FS-M-PM-01-97

EFFECTIVE DATE: 6:00 p.m. June 18, 1997

EXPLANATION:

The commercial salmon fishing period in the Ilnik Section is extended 48 hours from 11:59 p.m. Wednesday, June 18 until 11:59 p.m. Friday, June 20. The commercial salmon fishing period in the Bear River Section is extended 48 hours from 6:00 p.m. Wednesday, June 18 until 6:00 p.m. Friday, June 20. The commercial salmon fishing period in the Port Moller Bight Sections is extended 24 hours from 6:00 p.m. Thursday, June 19 until 6:00 p.m. Friday, June 20.

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-Continued-



Table 27. (page 2 of 26)

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JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 48 hours until 11:59 p.m. Friday, June 20. Escapement past the Ilnik River weir as of June 16 is 13,113 sockeye salmon with the first interim goal of the season on June 15 exceeded, and the next interim goal on June 25 of 8,000-12,000 sockeye salmon also exceeded. Effort inside Ilnik Lagoon consists of one set gillnet operator. Within the Ilnik Section, only Ilnik Lagoon is open to commercial salmon fishing prior to July 5. Sockeye salmon escapement counts at the weir are ahead of schedule with both the June 15 and June 25 upper interim goals exceeded. It is appropriate to provide additional fishing time to harvest surplus sockeye to the escapement needs. This emergency order extends the weekly fishing period 48 hours from 12:00 noon Monday, June 16 until 11:59 p.m. Friday, June 20.

This emergency order extends the commercial salmon fishing period in the Bear River Section 48 hours until 6:00 p.m. Friday, June 20, and extends the commercial salmon fishing period in the Port Moller Bight Section 24 hours until 6:00 p.m. Friday, June 20. The cumulative sockeye escapement into Bear River as of June 16 is 17,291, exceeding the June 20 interim goal of 5,000-15,000 sockeye. The escapement into Bear River as of June 17 is greater than 9 of the last 10 years. Effort in the Bear River Section is about 8-10 boats. Escapement into Bear River is increasing over the past 4 days and it is appropriate at this time to extend the Bear River and Port Moller Bight Sections until 6:00 p.m. Friday, June 20 to harvest sockeye salmon surplus to the escapement needs.

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EMERGENCY ORDER NO. 4-FS-M-PM-02-97  
EFFECTIVE DATE: 11:59 p.m. June 20, 1997

EXPLANATION:

The commercial salmon fishing period in the Ilnik Section is extended from 11:59 p.m. Friday, June 20 until 11:59 a.m. Monday, June 23.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 11:59 p.m. Friday, June 20 until 11:59 a.m. Monday, June 23. Escapement past the Ilnik River weir as of June 20 is 17,000 sockeye salmon with the June 25 interim goal of 8,000-12,000 sockeye salmon exceeded. Effort inside Ilnik Lagoon consists of one set gillnet operator. Within the Ilnik Section, only Ilnik Lagoon is open to commercial salmon fishing prior to July 5. Sockeye salmon escapement counts at the weir are ahead of schedule for this date. It is appropriate to provide additional fishing time to harvest surplus sockeye to the escapement needs. This emergency order extends the commercial salmon fishing period from 11:59 p.m. Friday, June 20 to 11:59 a.m. Monday, June 23.

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EMERGENCY ORDER NO. 4-FS-M-PM-03-97  
EFFECTIVE DATE: 6:00 a.m. June 23, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing season from 6:00 a.m. Monday, June 23 until 6:00 p.m. Wednesday, June 25 within two (2) nautical miles of Sandy River located within the Bear River Section.

JUSTIFICATION:

The season escapement into Sandy River is 1,582 sockeye salmon through June 21, with 0 fish reported at the weir as of 2:00 p.m. Sunday, June 23. The first interim goal at Sandy River of 2,000-3,000 sockeye salmon was not met, and the

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Table 27. (page 3 of 26)

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next interim goal of 8,000-12,000 sockeye salmon will not be met at the present 4-day escapement rate of only 376 fish per day. The previous three year average cumulative escapement for June 23 has been around 9,500 fish, well below the 1997 cumulative escapement. Effort in the Bear River Section is expected to be about 30 boats on Monday and increasing to potentially over 100 boats by Wednesday. It is appropriate to close the commercial salmon season within two (2) nautical miles of Sandy River from 6:00 a.m. Monday, June 23 until 6:00 p.m. Wednesday, June 25 (the scheduled weekly fishing period in the Bear River Section) to provide an area for Sandy River sockeye salmon to enter the river. Regulatory markers indicating the two (2) nautical mile closure are in place.

The escapement into Bear River is 30,625 fish as of June 21, with the June 25 interim goal of 15,000-40,000 already met and likely to be exceeded.

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EMERGENCY ORDER NO. 4-FS-M-PM-04-97

EFFECTIVE DATE: 6:00 p.m. June 25, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing season closure 24 hours from 6:00 p.m. Wednesday, June 25 until 6:00 p.m. Thursday, June 26 within two (2) nautical miles of the stream terminus at the ocean shoreline of Sandy River located within the Bear River Section. This emergency order also extends the commercial salmon fishing period in the Bear River and Three Hills Section 24 hours from 6:00 p.m. Wednesday, June 25 until 6:00 p.m. Thursday, June 26. The commercial salmon fishing period in the Ilnik Section is extended 48 hours from 11:59 p.m. Wednesday, June 25 until 11:59 p.m. Friday, June 27.

JUSTIFICATION:

The season escapement into Sandy River is 2,836 sockeye salmon through June 24. The June 30 interim goal at Sandy River of 8,000-12,000 sockeye salmon will not be met at the present 4-day escapement rate of 348 sockeye. The commercial salmon fishing season within two (2) nautical miles of the Sandy River stream terminus has been closed since 6:00 a.m. Monday, June 23, and will remain closed an additional 24 hours until 6:00 p.m. Thursday, June 26 to provide an area for Sandy River sockeye salmon to enter the river.

The escapement into Bear River as of June 24 is 53,146 sockeye salmon, exceeding the June 25 goal of 15,000-40,000 sockeye. The next interim goal is June 30 of 40,000-80,000 sockeye salmon. It is appropriate at this time to extend the commercial salmon fishing period in the Bear River and Three Hills Sections 24 hours until 6:00 p.m. Thursday, June 26. The Three Hills Section opened by regulation at 12:01 a.m. Wednesday, June 25. Effort in the Bear River and Three Hills Section is about 30 boats and expected to increase.

This emergency order also extends the commercial salmon fishing period in the Ilnik Section 48 hours from 11:59 p.m. Wednesday, June 25 until 11:59 p.m. Friday, June 27. The sockeye escapement past the Ilnik River weir as of June 24 is 26,778 fish, exceeding the July 1 goal of 16,000-24,000 sockeye. Effort inside Ilnik Lagoon consists of one set gillnet operator. Only the area inside Ilnik Lagoon is open to commercial salmon fishing prior to July 5. It is appropriate at this time to extend the commercial salmon fishing period to harvest surplus escapement.

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EMERGENCY ORDER NO. 4-FS-M-CB-26-97

EFFECTIVE DATE: 12:00 Midnight June 26, 1997

EXPLANATION:

This emergency order extends commercial fishing time for approximately an additional 24 hours until 11:59 midnight Friday, during the week of June 22 - 28.

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JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 25,000 fish. This is an excellent escapement for this date and it appears that the June 30 goal of 30,000 sockeye salmon will be exceeded. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-CB-28-97  
EFFECTIVE DATE: 11:59 p.m. June 27, 1997

EXPLANATION:

This emergency order extends commercial fishing time an additional 24 hours until 11:59 p.m. Saturday, during the week of June 22 - 28.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 29,000 fish. It appears that the June 30 goal of 30,000 sockeye salmon will be exceeded. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-05-97  
EFFECTIVE DATE: 11:59 p.m. June 27, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 11:59 p.m. Friday, June 27 until 11:59 p.m. Wednesday, July 2.

JUSTIFICATION:

This emergency order also extends the commercial salmon fishing period in the Ilnik Section from 11:59 p.m. Friday, June 27 until 11:59 p.m. Wednesday, July 2. The sockeye escapement past the Ilnik River weir as of June 26 is 31,936 fish, exceeding the July 1 and July 4 upper interim goals. Effort inside Ilnik Lagoon consists of one set gillnet operator. Only the area inside Ilnik Lagoon is open to commercial salmon fishing prior to July 5. It is appropriate at this time to extend the commercial salmon fishing period to harvest surplus Ilnik River escapement. Ilnik Lagoon has been open to continuous commercial salmon fishing since June 16.

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EMERGENCY ORDER NO. 4-FS-M-PM-06-97  
EFFECTIVE DATE: 6:00 a.m. June 30, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing season from 6:00 a.m. Monday, June 30 until 6:00 p.m. Thursday, July 3 within two (2) nautical miles of the stream terminus at the ocean shoreline of Sandy River located within the Bear River Section.

JUSTIFICATION:

The season escapement into Sandy River is 7,012 sockeye salmon through June 28. The June 30 interim goal at Sandy River of 8,000-12,000 sockeye salmon and will likely meet the minimum goal. The commercial salmon fishing season within two (2) nautical miles of the Sandy River stream terminus has been closed since 6:00 a.m. Monday, June 23, and

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Table 27. (page 5 of 26)

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will remain closed until the strength of the Sandy River run can be fully assessed and to assure interim goals will be met. The previous three year cumulative escapement into Sandy River for this date (June 28) has been over 30,000 sockeye salmon, well below the present level. It is appropriate to close the commercial salmon fishing season within two (2) nautical miles of Sandy River for the duration of the scheduled fishing period in the Bear River Section to provide an area for milling Sandy River sockeye salmon to enter the river. The next interim goal for Sandy River is July 4 of 20,000-30,000 sockeye. Commercial fishers should take note that the markers indicating the two (2) nautical mile closed area are located on the beach around Sandy River.

The escapement into Bear River as of June 28 is 72,435 sockeye salmon, with the June 30 interim goal of 40,000-80,000 sockeye. The daily escapement at Bear River is increasing with 8,805 sockeye passed on June 28, and a strong count of over 7,000 sockeye as of 1:00 p.m. on June 29. The upper interim goal for June 30 will be exceeded.

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EMERGENCY ORDER NO. 4-FS-M-CB-34-97  
EFFECTIVE DATE: 6:00 p.m. July 2, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 72 hours until 6:00 p.m. Saturday during the week of June 29-July 5 in Cinder River Lagoon, the only part of the Cinder River section where the season is open.

JUSTIFICATION:

There is only one fisherman fishing Cinder River Lagoon and he has to transport his salmon to Ugashik. Due to tides and time needed to transport his catch, he is only able to fish every other day. Due to remoteness from other Area M fishermen and Area T fishermen not allowed to fish in the Cinder River Section during July, effort will not increase. The catch of 600 sockeye on July 1 indicates the sockeye run has strength. At this time, more fishing time can be allowed without damaging the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-07-97  
EFFECTIVE DATE: 11:59 p.m. July 2, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 11:59 p.m. Wednesday, July 2 until 11:59 p.m. Friday, July 4.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 48 hours from 11:59 p.m. Wednesday, July 2 until 11:59 p.m. Friday, July 4. The sockeye escapement past the Ilnik River weir as of July 1 is 50,638 fish, exceeding the July 4 upper interim goal of 20,000-30,000 sockeye. The daily sockeye escapement into Ilnik River is increasing. Effort inside Ilnik Lagoon consists of one set gillnet operator. Only the area inside Ilnik Lagoon is open to commercial salmon fishing prior to July 5. It is appropriate at this time to extend the commercial salmon fishing period to harvest surplus Ilnik River escapement. Ilnik Lagoon has been open to continuous commercial salmon fishing since June 16.

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Table 27. (page 6 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-35-97  
EFFECTIVE DATE: 12:00 Midnight July 3, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 24 hours until 11:59 p.m. Friday, during the week of June 29-July 5.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 69,000 fish excluding jacks. This escapement exceeds the July 5 goal of 65,000 sockeye salmon. More fishing time is needed to harvest the resource. -----

EMERGENCY ORDER NO. 4-FS-M-CB-36-97  
EFFECTIVE DATE: 6:00 p.m. July 3, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing time for an additional 24 hours until 6:00 p.m. Friday, during the week of June 29-July 5, in the Swanson Lagoon Section.

JUSTIFICATION:

Drift gillnet fishermen are averaging over 1,000 sockeye salmon per boat on the outside of Swanson Lagoon. This is an unusually high average for this area and indicates a strong run. An extra day of fishing time can be allowed at this time without damaging the resource. -----

EMERGENCY ORDER NO. 4-FS-M-PM-08-97  
EFFECTIVE DATE: 6:00 p.m. July 3, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing season within 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River and within 4.3 nautical miles northeast of the Sandy River stream terminus and 3 nautical miles offshore from 6:00 p.m. Thursday, July 3 until 6:00 p.m. Friday, July 4. The commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections is extended 24 hours from 6:00 p.m. Thursday, July 3 until 6:00 p.m. Friday, July 4.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing season within 2 nautical miles southwest of the Sandy River stream terminus and within 4.3 nautical miles northeast of the Sandy River stream terminus from 6:00 p.m. Thursday, July 3 until 6:00 p.m. Friday, July 4. The escapement into Sandy River as of July 2 is 13,435 sockeye salmon. The July 4 interim goal is 20,000-30,000 sockeye salmon and will not be met at the present escapement rate. The commercial salmon fishing season has been closed within 2 nautical miles of Sandy River since 6:00 a.m. Monday, June 23 until 5:59 p.m. Thursday, July 3. Effective at 6:00 p.m. Thursday, July 3 until 6:00 p.m. Friday, July 4, the commercial salmon fishing season within 2 nautical miles southwest of Sandy River and 4.3 nautical miles northeast of Sandy River is closed to provide an area for Sandy River sockeye salmon to enter the river.

This emergency order also extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections 24 hours from 6:00 p.m. Thursday, July 3 until 6:00 p.m. Friday, July 4. The cumulative sockeye -----

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Table 27. (page 7 of 26)

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escapement into Bear River as of July 2 is 104,930, exceeding the July 5 interim goal of 80,000-100,000 sockeye. Escapement into Bear River is ahead of schedule and it is appropriate at this time to extend the Bear River, Three Hills, and Port Moller Bight Sections until 6:00 p.m. Friday, July 4.

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EMERGENCY ORDER NO. 4-FS-M-CB-37-97  
EFFECTIVE DATE: 11:59 p.m. July 4, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing time for an additional 24 hours until 11:59 p.m. Saturday, during the week of June 29-July 5, in the Nelson Lagoon Section.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 76,000 fish excluding jacks. This escapement exceeds the July 5 goal of 65,000 sockeye salmon. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-09-97  
EFFECTIVE DATE: 6:00 P.M. July 4, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing season within 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River and within 4.3 nautical miles northeast of the Sandy River stream terminus and 3 nautical miles offshore from 6:00 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5. The commercial salmon fishing period in the Ilnik Section is extended from 11:59 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5. The commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections is extended 24 hours from 6:00 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 11:59 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5. The cumulative escapement into Ilnik River as of 8:30 a.m. Friday, July 4 is 60,900 sockeye, exceeding the season ending goal (by July 20) of 40,000-60,000 sockeye. Daily escapement into Ilnik River has been consistent and indicates a healthy run into the Ilnik River system. The Ilnik Section has been open to continuous commercial salmon fishing since June 16. Effort levels in the Ilnik Section is one set gillnet operator inside Ilnik Lagoon, which is the only area open within the Ilnik Section prior to July 5. Effective at 12:01 a.m. Saturday, July 5, the outer Ilnik Section to Unanagashak Bluffs (159° 10' 48" W. long.) will open to commercial salmon fishing as stated in the regulation book and effort levels will increase.

This emergency order further closes the commercial salmon fishing season within 2 nautical miles southwest of the Sandy River stream terminus and within 4.3 nautical miles northeast of the Sandy River stream terminus from 6:00 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5. The escapement into Sandy River as of July 3 is 14,514 sockeye salmon. The July 4 interim goal is 20,000-30,000 sockeye salmon and will not be met at the present escapement rate. The commercial salmon fishing season has been closed within 2 nautical miles of Sandy River since 6:00 a.m. Monday, June 23 until 5:59 p.m. Thursday, July 3. At 6:00 p.m. Thursday, July 3, the commercial salmon fishing season within 2 nautical miles southwest of Sandy River and 4.3 nautical miles northeast of Sandy River was closed to provide a larger area for Sandy River sockeye salmon to enter the river. This emergency order extends the closure until 6:00 p.m. Saturday, July 5.

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Table 27. (page 8 of 26)

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This emergency order extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections 24 hours from 6:00 p.m. Friday, July 4 until 6:00 p.m. Saturday, July 5. The cumulative sockeye escapement into Bear River as of July 3 is 108,401, exceeding the July 5 interim goal of 80,000-100,000 sockeye. Escapement into Bear River is ahead of schedule and it is appropriate at this time to extend the Bear River, Three Hills, and Port Moller Bight Sections until 6:00 p.m. Saturday, July 5.

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EMERGENCY ORDER NO. 4-FS-M-PM-10-97

EFFECTIVE DATE: 6:00 p.m. July 5, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing season in the Bear River Section within 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River to Cape Seniavin (160° 09' W. long.) from 6:00 p.m. Saturday, July 5 until further notice. The commercial salmon fishing period in the Ilnik Section is extended from 6:00 p.m. Saturday, July 5 until 6:00 a.m. Monday, July 7. The commercial salmon fishing period in the Bear River and Port Moller Bight Sections is extended from 6:00 p.m. Saturday, July 5 until 6:00 a.m. Monday, July 7.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Saturday, July 5 until 6:00 a.m. Monday, July 7. The cumulative escapement into Ilnik River as Friday, July 4 is 62,661 sockeye, exceeding the season ending goal (by July 20) of 40,000-60,000 sockeye. Daily escapement into Ilnik River has been consistent and indicates a healthy run into the Ilnik River system. The Ilnik Section has been open to continuous commercial salmon fishing since June 16. Effort levels prior to July 5 inside Ilnik Lagoon, which is the only area open within the Ilnik Section prior to July 5, consists of one setgillnet operator. The Ilnik Section to Unanagashak Bluffs (159° 10' 48" W. long.) opened to commercial salmon fishing at 12:01 a.m. July 5 as stated in the regulation book.

This emergency order further closes the commercial salmon fishing season from 2 nautical miles southwest of the Sandy River north to Cape Seniavin from 6:00 p.m. Saturday, July 5 until further notice. The escapement into Sandy River as of July 4 is 15,755 sockeye salmon, not meeting the July 4 interim goal of 20,000-30,000 sockeye salmon. As of 1:00 p.m. Saturday, July 5, only 360 sockeye passed the weir. The commercial salmon fishing season has been closed within 2 nautical miles of Sandy River since 6:00 a.m. Monday, June 23 until 5:59 p.m. Thursday, July 3. At 6:00 p.m. Thursday, July 3, the commercial salmon fishing season within 2 nautical miles southwest of Sandy River and 4.3 nautical miles northeast of Sandy River was closed to provide a larger area for Sandy River sockeye salmon to enter the river until 6:00 p.m. Saturday, July 5. Escapement shows no signs of improving and therefore, the Three Hills Section will close to commercial salmon fishing at 6:00 p.m. Saturday, July 5 until further notice to protect Sandy River sockeye salmon. On average, 68% of the total escapement into Sandy River occurs by July 5.

This emergency order extends the commercial salmon fishing period in that portion of the Bear River Section located 2 nautical miles southwest of Sandy River and the Port Moller Bight Section from 6:00 p.m. Saturday, July 5 until 6:00 a.m. Monday, July 7. The cumulative sockeye escapement into Bear River as of July 4 is 109,885, exceeding the July 5 interim goal of 80,000-100,000 sockeye. It is appropriate at this time to extend the Bear River and Port Moller Bight Sections until 6:00 a.m. Monday, July 7. Although all interim goals at Bear River have been met to date, the escapement into Bear River is not exceptionally strong for this date. Typically, around July 4 the early run into Bear River peaks, however, so far no signs of this have occurred. Closing the commercial salmon fishing season from 2 nautical miles southwest of Sandy River to Cape Seniavin, and not allowing commercial fishing in the Three Hills Section until the escapement at Sandy River improves will provide a large closed area to permit sockeye to enter the area. The area closed to commercial salmon fishing is approximately 33 nautical miles of coastline. The area open to commercial salmon fishing in the Bear River Section will likely not be enough area to adequately harvest Bear River sockeye if the strength of the run improves dramatically.

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Table 27. (page 9 of 26)

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EMRGENCY ORDER NO. 4-FS-M-CB-38-97

EFFECTIVE DATE: July 6, 1997

EXPLANATION:

This emergency order expands the closed waters at Christianson's Lagoon to include the entire outlet channel and all waters within 500 yards of the outlet channel terminus.

JUSTIFICATION:

A recent survey of Christianson's Lagoon and its outlet channel indicated that the sockeye escapement may be as low as 5,000 fish. The minimum escapement goal is 25,000. Catches by gillnet fishermen outside the exit channel indicates the run is strong. The expanded closed waters should save all sockeye entering the system during the three day fishing period closures. It will also allow more fish to escape while still allowing a harvest during subsequent weeks

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EMERGENCY ORDER NO. 4-FS-M-PM-11-97

EFFECTIVE DATE: 6:00 p.m. July 7, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing period in the Three Hills Section from 6:00 p.m. Monday, July 7 until further notice.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing period in the Three Hills Section from 6:00 a.m. Monday, July 7 until further notice. The escapement into Sandy River as of July 5 is 16,961 sockeye salmon. The July 8 interim goal is 30,000-44,000 sockeye salmon and will not be met at the present escapement rate. Emergency Order No. 4-FS-M-PM-10-97 closed that portion of the Bear River Section from 2 nautical miles southwest of Sandy River to Cape Seniavin effective at 6:00 p.m. Saturday, July 5 until further notice. The Three Hills Section also closed at 6:00 p.m. Saturday, July 5 and this emergency order closes the weekly scheduled fishing period that begins at 6:00 a.m. Monday, July 7 until further notice. Therefore, effective at 6:00 p.m. Saturday, July 5 until further notice, approximately 33 nautical miles of coast is closed to provide the largest possible protection for Sandy River sockeye. The escapement at Sandy River is extremely weak for this date. The commercial salmon fishing season has been closed within 2 nautical miles of Sandy River since 6:00 a.m. Monday, June 23 until 5:59 p.m. Thursday, July 3. Effective at 6:00 p.m. Thursday, July 3 until 6:00 p.m. Saturday, July 5, the commercial salmon fishing season within 2 nautical miles southwest of Sandy River and 4.3 nautical miles northeast of Sandy River was closed to provide an area for Sandy River sockeye salmon to enter the river. A further restriction of closing the Three Hills Section to commercial salmon fishing is needed to provide protection for Sandy River sockeye.

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EMERGENCY ORDER NO. 4 FS-M-PM-12-97

EFFECTIVE DATE: 6:00 p. m. July 7, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing period in the Bear River and Port Moller Bight Sections from 6:00 p.m. Monday, July 7 until further notice.

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Table 27. (page 10 of 26)

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JUSTIFICATION:

This emergency order closes the commercial salmon fishing period in the Bear River and Port Moller Bight Sections from 6:00 p.m. Monday, July 7 until further notice. The escapement into Sandy River as of July 6 is 17,667 sockeye salmon. The July 8 interim goal is 30,000-44,000 sockeye salmon and will not be met at the present escapement rate. Emergency Order No. 4-FS-M-PM-10-97 closed that portion of the Bear River Section from 2 nautical miles southwest of Sandy River to Cape Seniavin effective at 6:00 p.m. Saturday, July 5 until further notice. The Three Hills Section also closed at 6:00 p.m. Saturday, July 5 until further notice. That portion of the Bear River Section located 2 nautical miles southwest of the stream terminus at Sandy River has been the only area open in the Bear River Section since 6:00 p.m. Saturday, July 5. The escapement into Bear River is 113,977 sockeye salmon, meeting the July 10 escapement goal of 100,000-110,000 sockeye. Daily escapement rates into Bear River have slowed dramatically to less than 2,000 fish/day and it is appropriate at this time to close the commercial salmon fishing period in the Bear River and Port Moller Bight Sections until further notice to provide opportunity for Bear and Sandy River sockeye to enter the respective systems. The closure in part of the Bear River Section is not expected to last long, since commercial harvests in the Bear River area indicate fish are in the area.

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EMERGENCY ORDER NO. 4-FS-M-PM-13-97

EFFECTIVE DATE: 6:00 a.m. July 9, 1997

EXPLANATION:

This emergency order reopens the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 a.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10. The commercial salmon fishing period in the Port Moller Bight Section will also reopen at 6:00 a.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10.

JUSTIFICATION:

This emergency order reopens the commercial salmon fishing period in that portion of the Bear River Section located 2 nautical miles southwest of Sandy River from 6:00 a.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10. The remaining northern portion of the Bear River Section will remain closed to commercial salmon fishing as stated in Emergency Order NO. 4-FS-M-PM-10-97 until further notice. The Three Hills Section, which has been closed to commercial salmon fishing since 6:00 p.m. Saturday, July 5 will remain closed as stated in Emergency Order NO. 4-FS-M-PM-11-97 until further notice. The daily escapement into Bear River as of 7:30 p.m. July 8 is 3,700, with a season escapement of 120,000, exceeding the July 10 goal of 100,000-110,000 sockeye salmon. The escapement into Bear River for the next 1-2 days is expected to be strong since that portion of the Bear River Section located 2 nautical miles southwest of Sandy River closed to commercial salmon fishing at 6:00 p.m. Monday, July 7. The same area will reopen to commercial salmon fishing effective at 6:00 a.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10. The Port Moller Bight Section will also reopen to commercial salmon fishing effective at 6:00 a.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10.

The season sockeye escapement into Sandy River as of 7:30 p.m. Tuesday, July 8 is 19,300 fish, well below the July 8 interim goal of 30,000-44,000 sockeye salmon. Daily escapement into Sandy River is weak. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5 and will remain in effect until further notice.

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Table 27. (page 11 of 26)

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EMERGENCY ORDER NO.4-FS-M-CB-39-97

EFFECTIVE DATE: 6:00 p.m. July 9, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 72 hours until 6:00 p.m. Saturday during the week of July 6-12 in Cinder River Lagoon, the only part of the Cinder River section where the season is open.

JUSTIFICATION:

There is only one fisherman fishing Cinder River Lagoon and he has to transport his salmon to Ugashik. Due to tides and time needed to transport his catch, he is only able to fish every other day. Due to remoteness from other Area M fishermen and Area T fishermen not allowed to fish in the Cinder River Section during July, effort will not increase. The catch of sockeye on July 7 indicates the sockeye run has strength. At this time, more fishing time can be allowed without damaging the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-14-97

EFFECTIVE DATE: 6:00 p.m. July 9, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Wednesday, July 9 until 6:00 p.m. Thursday, July 10. The sockeye escapement past the Ilnik River weir as of July 8 is 72,456 fish, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Prior to July 5, effort inside Ilnik Lagoon consists of one set gillnet operator. Only the area inside Ilnik Lagoon is open to commercial salmon fishing prior to July 5. The Ilnik Section has been open to continuous commercial salmon fishing since June 16, and all interim escapement goals at Ilnik River were exceeded. It is appropriate at this time to extend the commercial salmon fishing period to harvest surplus Ilnik River escapement.

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EMERGENCY ORDER NO. 4-FS-M-CB-40-97

EFFECTIVE DATE: 12:00 Midnight July 10, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 48 hours until 11:59 p.m. Saturday, during the week of July 6-12 in the Nelson Lagoon

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 110,000 fish excluding jacks. This escapement meets the July 15 goal. More fishing time is needed to harvest the resource.

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Table 27. (page 12 of 26)

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EMERGENCY ORDER NO. 4-FS-M-PM-15-97

EFFECTIVE DATE: 6:00 p.m. July 10, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours the Ilnik Section from 6:00 p.m. Thursday, July 10 until 6:00 p.m. Friday, July 11. This emergency order also extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 p.m. Thursday, July 10 until 6:00 p.m. Friday, July 11. The commercial salmon fishing period in the Port Moller Bight Section is also extended 24 hours from 6:00 p.m. Thursday, July 10 until 6:00 p.m. Friday, July 11.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours until 6:00 p.m. Friday, July 11. The escapement into Ilnik River past the weir is 73,040 sockeye salmon as of July 9, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. The Ilnik Section has been open to continuous commercial salmon fishing since June 16. Effort prior to July 5 has been one set gillnet operator inside Ilnik Lagoon, the only area open to commercial salmon fishing prior to July 5. The outer portion of the Ilnik Section to Unanagashak Bluffs opened by regulation on July 5.

This emergency order also extends the commercial salmon fishing period 24 hours in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of Sandy River from 6:00 p.m. Thursday, July 10 until 6:00 p.m. Friday, July 11. The remaining northern portion of the Bear River Section will remain closed to commercial salmon fishing as stated in Emergency Order NO. 4-FS-M-PM-10-97 until further notice. The Three Hills Section, which has been closed to commercial salmon fishing since 6:00 p.m. Saturday, July 5 will remain closed as stated in Emergency Order NO. 4-FS-M-PM-11-97 until further notice. The escapement into Bear River as of July 9 is 135,345 sockeye, exceeding the July 10 goal of 100,000-110,000 sockeye salmon. The escapement into Bear River has increased dramatically after a 36 hour closure and a daily escapement of 14,284 on July 9. That portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the Sandy River stream terminus, closed to commercial salmon fishing at 6:00 p.m. Monday, July 7 and reopened at 6:00 a.m. Wednesday, July 9.

The season sockeye escapement into Sandy River as of Wednesday, July 9 is 21,270 fish, well below the July 13 interim goal of 36,000-54,000 sockeye salmon. Daily escapement into Sandy River is weak but increasing slightly. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5 and will remain in effect until further notice.

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EMERGENCY ORDER NO. 4-FS-M-PM-16-97

EFFECTIVE DATE: 6:00 p.m. July 11, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours the Ilnik Section from 6:00 p.m. Friday, July 11 until 6:00 p.m. Saturday, July 12. This emergency order also extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 p.m. Friday, July 11 until 6:00 p.m. Saturday, July 12. The commercial salmon fishing period in the Port Moller Bight Section is also extended 24 hours from 6:00 p.m. Friday, July 11 until 6:00 p.m. Saturday, July 12.

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Table 27. (page 13 of 26)

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JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours until 6:00 p.m. Saturday, July 12. The escapement into Ilnik River past the weir is 73,909 sockeye salmon as of July 10, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Effort prior to July 5 has been one set gillnet operator inside Ilnik Lagoon, the only area open to commercial salmon fishing prior to July 5. The outer portion of the Ilnik Section to Unanagashak Bluffs opened by regulation on July 5. The Ilnik Section has been open to continuous commercial salmon fishing since June 16.

This emergency order also extends the commercial salmon fishing period 24 hours in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of Sandy River from 6:00 p.m. Friday, July 11 until 6:00 p.m. Saturday, July 12. The remaining northern portion of the Bear River Section will remain closed to commercial salmon fishing as stated in Emergency Order NO. 4-FS-M-PM-10-97 until further notice. The Three Hills Section, which has been closed to commercial salmon fishing since 6:00 p.m. Saturday, July 5 will remain closed as stated in Emergency Order NO. 4-FS-M-PM-11-97 until further notice. The escapement into Bear River as of July 10 is 142,195 sockeye, exceeding the July 10 goal of 100,000-110,000 sockeye salmon.

The season sockeye escapement into Sandy River as of Thursday, July 10 is 22,795 fish, well below the July 13 interim goal of 36,000-54,000 sockeye salmon. Daily escapement into Sandy River is weak but increasing slightly. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5 and will remain in effect until further notice.

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EMERGENCY ORDER NO. 4-FS-M-CB-42-97  
EFFECTIVE DATE: 6:00 p.m. July 12, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 36 hours from 6:00 p.m. Saturday July 12 until 6:00 a.m. Monday July 14, the start of the next scheduled fishing period in Cinder River Lagoon, the only part of the Cinder River Section where the season is open.

JUSTIFICATION:

There is only one fisherman fishing Cinder River Lagoon and he has to transport his salmon to Ugashik. Due to tides and time needed to transport his catch, he is only able to fish every other day. Due to remoteness from other Area M fishermen and Area T fishermen not allowed to fish in the Cinder River Section during July, effort will not increase. The catch of sockeye on July 10th indicates the sockeye run continues to be strong. At this time, more fishing time can be allowed without damaging the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-17-97  
EFFECTIVE DATE: 6:00 P.M. July 12, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 36 hours in the Ilnik Section from 6:00 p.m. Saturday, July 12 until 6:00 a.m. Monday, July 14. This emergency order also extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 p.m. Saturday, July 12 until 6:00 a.m. Monday, July 14. The

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Table 27. (page 14 of 26)

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commercial salmon fishing period in the Port Moller Bight Section is also extended 36 hours from 6:00 p.m. Saturday, July 12 until 6:00 a.m. Monday, July 14.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 36 hours until 6:00 a.m. Monday, July 14. The escapement into Ilnik River past the weir is 74,352 sockeye salmon as of July 11, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Effort prior to July 5 has been one set gillnet operator inside Ilnik Lagoon, the only area open to commercial salmon fishing prior to July 5. The outer portion of the Ilnik Section to Unanagashak Bluffs opened by regulation on July 5. The Ilnik Section has been open to continuous commercial salmon fishing since June 16.

This emergency order also extends the commercial salmon fishing period 36 hours in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of Sandy River from 6:00 p.m. Saturday, July 12 until 6:00 a.m. Monday, July 14. The remaining northern portion of the Bear River Section will remain closed to commercial salmon fishing as stated in Emergency Order NO. 4-FS-M-PM-10-97 until further notice. The Three Hills Section, which has been closed to commercial salmon fishing since 6:00 p.m. Saturday, July 5 will remain closed as stated in Emergency Order NO. 4-FS-M-PM-11-97 until further notice. The escapement into Bear River as of July 11 is 145,113 sockeye, exceeding the July 15 goal of 110,000-125,000 sockeye salmon.

The season sockeye escapement into Sandy River as of Friday, July 11 is 23,889 fish, well below the July 13 interim goal of 36,000-54,000 sockeye salmon. Daily escapement into Sandy River is weak but increasing slightly. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5 and will remain in effect until further notice.

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EMERGENCY ORDER NO. 4-FS-M-CB-43-97  
EFFECTIVE DATE: 6:00 p.m. July 16, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 72 hours until 6:00 p.m. Saturday during the week of July 13-19 in Cinder River Lagoon, the only part of the Cinder River section where the season is open.

JUSTIFICATION:

There is only one fisherman fishing Cinder River Lagoon and he has to transport his salmon to Ugashik. Due to tides and time needed to transport his catch, he is only able to fish every other day. Due to remoteness from other Area M fishermen and Area T fishermen not allowed to fish in the Cinder River Section during July, effort will not increase. The catch of sockeye on July 14 indicates the sockeye run has strength. At this time, more fishing time can be allowed without damaging the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-18-97  
EFFECTIVE DATE: 6:00 p.m. July 16, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours in the Ilnik Section from 6:00 p.m. Wednesday, July 16 until 6:00 p.m. Thursday, July 17.

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-Continued-

Table 27. (page 15 of 26)

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JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Wednesday, July 16 until 6:00 p.m. Thursday, July 17. The escapement into Ilnik River past the weir is 76,256 sockeye salmon as of July 15, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Effort prior to July 5 has been one set gillnet operator inside Ilnik Lagoon, the only area open to commercial salmon fishing prior to July 5. The outer portion of the Ilnik Section to Unanagashak Bluffs opened by regulation on July 5. The entire Ilnik Section opened by regulation on July 15. The Ilnik Section has been open to continuous commercial salmon fishing since June 16.

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EMERGENCY ORDER NO. 4-FS-M-CB-44-97

EFFECTIVE DATE: 12:00 Midnight July 17, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing time for approximately an additional 48 hours until 11:59 p.m. Saturday, during the week of July 13-19 in the Nelson Lagoon Section.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 145,000 fish excluding jacks. This escapement is near the season goal. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-CB-45-97

EFFECTIVE DATE: 6:00 p.m. July 17, 1997

EXPLANATION:

This emergency order extends commercial salmon fishing time 24 hours until 6:00 p.m. Friday during the week of July 13-19 in the Uria Bay, Swanson Lagoon, and Izembek-Moffet Bay Sections.

JUSTIFICATION:

Commercial salmon fishing pressure is light and weather prevented fishing during much of July 15 and 16. Escapements are healthy for this date. Extra fishing can be allowed at this time to allow fishermen to make up for time lost to weather.

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EMERGENCY ORDER NO. 4-FS-M-CB-46-97

EFFECTIVE DATE: 6:00 p.m. July 19, 1997

EXPLANATION:

This emergency order allows continuous commercial salmon fishing time through July 31 in Cinder River Lagoon, the only part of the Cinder River section where the season is open.

JUSTIFICATION:

The sockeye salmon escapement goal for Cinder River is 6,000 to 12,000 fish. A recent survey indicated that this seasons escapement is in excess of 44,000. More fishing time is needed to harvest sockeye salmon. After July 31, the Cinder River Section will be managed for coho salmon.

EMERGENCY ORDER NO. 4-FS-M-CB-48-97

EFFECTIVE DATE: 11:59 p.m. July 19, 1997

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-Continued-

Table 27. (page 16 of 26)

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EXPLANATION:

This emergency order allows continuous commercial salmon fishing until 12:00 midnight Thursday, July 24 in the Nelson Lagoon Section.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 156,500 fish excluding jacks, through July 17. This is over the 100,000 to 150,000 season escapement goal range for this system. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-19-97

EFFECTIVE DATE: 6:00 a. m. July 21, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing period in the Ilnik Section from 6:00 a.m. Monday, July 21 until further notice. This emergency order also closes the commercial salmon fishing period in the Bear River, Port Moller Bight, and Three Hills Sections from 6:00 a.m. Monday, July 21 until further notice.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing period in the Ilnik Section, Bear River, Port Moller Bight, and Three Hills Section from 6:00 a.m. Monday, July 21 until further notice. The escapement into Bear River post July 15 is about 11,000 adult sockeye salmon as of 7:30 p.m. July 20. The July 16-August 5 interim goal is 40,000-50,000 sockeye. The Bear River, Three Hills, Ilnik, and Port Moller Bight Sections have been closed to commercial salmon fishing since at least July 17. The escapement into Bear River is improving. Aerial surveys conducted on July 19 and 20 were fair due to poor visibility in the lower 5 miles of Bear River. Murky water conditions do not permit an estimate of sockeye in the lower river. An aerial survey will be conducted early on July 21, a potential opening in that part of the Bear River Section located southwest of a point 2 nautical miles southwest of Sandy River, and in the Port Moller Bight and Ilnik Sections will occur on Monday, July 21 if escapement warrants. That portion of the Bear River Section located northeast of a point 2 nautical miles southwest of Sandy River and the Three Hills Section will remain closed (as stated in Emergency Order No. 4-FS-M-PM-10-97 which was effective at 6:00 p.m. July 5) until further notice.

The escapement into Sandy River is 29,959 sockeye as of July 19. Management actions have been taken around Sandy River since June 23, and the minimum escapement goal ending July 25 of 40,000 likely will not be met. Escapement over the past 4 days has accounted for about 13% of the seasons escapement. The 33 nautical mile closure will remain in effect when commercial fishing reopens until the Sandy River run is over or the escapement goal is met. It is expected that the run should end in the near future. Post July 15, since the Ilnik River met all interim escapement objectives and exceeded the 40,000-60,000 goal with an escapement past the weir of over 77,000 sockeye, the Ilnik Section will be managed on the basis of Bear River sockeye. The commercial salmon fleet and industry are put on two hour advance notice for an opening in the southwestern portion of the Bear River Section (southwest of a point 2 nautical miles southwest of the Sandy River stream terminus) and the Ilnik Section that will be predicated on weir counts at Bear River and aerial surveys in the morning of July 21.

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Table 27. (page 17 of 26)

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EMERGENCY ORDER NO. 4-FS-M-PM-20-97  
EFFECTIVE DATE: 11:00 a.m. July 21, 1997

EXPLANATION:

This emergency order reopens the commercial salmon fishing period in the Ilnik Section at 11:00 a.m. Monday, July 21 until 6:00 p.m. Wednesday, July 23. This emergency order also reopens the commercial salmon fishing period from 11:00 a.m. Monday, July 21 until 6:00 p.m. Thursday, July 24 in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the Sandy River stream terminus. This emergency order reopens the commercial salmon fishing period in the Port Moller Bight Section from 11:00 a.m. Monday, July 21 until 6:00 p.m. Thursday, July 24.

JUSTIFICATION:

This emergency order reopens the commercial salmon fishing period in the Ilnik Section from 11:00 a.m. Monday, July 21 until 6:00 p.m. Wednesday, July 23. That portion of the Bear River Section southwest of a point located 2 nautical miles southwest of the stream terminus at Sandy River, and the Port Moller Bight Section will reopen to commercial salmon fishing from 11:00 a.m. Monday, July 21 until 6:00 p.m. Thursday, July 24. The escapement into Bear River post July 15 is about 14,000 adult sockeye salmon as of 8:30 a.m. July 21. An aerial survey of Bear River at 7:30 a.m. Monday, July 21 revealed about 6,000 sockeye in the upper portion of the river, bringing the total escapement post July 15 to about 20,000 sockeye salmon. The July 16-August 5 interim goal is 40,000-50,000 sockeye. The Bear River, Three Hills, Ilnik, and Port Moller Bight Sections have been closed to commercial salmon fishing since at least July 17. That portion of the Bear River Section located northeast of a point 2 nautical miles southwest of Sandy River and the Three Hills Section will remain closed (as stated in Emergency Order No. 4-FS-M-PM-10-97 which was effective at 6:00 p.m. July 5) until further notice.

The escapement into Sandy River is 30,552 sockeye as of July 20. Management actions have been taken around Sandy River since June 23, and the minimum escapement goal ending July 25 of 40,000 likely will not be met. Escapement over the past 5 days has accounted for about 15% of the seasons escapement. The daily escapement rate is beginning to decline and it is expected that the run should end in the near future. The 33 nautical mile closure, which was instituted on July 5, will remain in effect when commercial fishing reopens until the Sandy River run is over or the escapement goal is met. Post July 15, since the Ilnik River met all interim escapement objectives and exceeded the 40,000-60,000 goal with an escapement past the weir of over 77,000 sockeye, the Ilnik Section will be managed on the basis of Bear River sockeye.

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EMERGENCY ORDER NO. 4-FS-M-PM-21-97  
EFFECTIVE DATE: 6:00 p.m. July 23, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours in the Ilnik Section from 6:00 p.m. Wednesday, July 23 until 6:00 p.m. Thursday, July 24.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Wednesday, July 23 until 6:00 p.m. Thursday, July 24. The seasons escapement into Ilnik River past the weir is over 77,000 sockeye salmon, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River stocks. The escapement into Bear River is 195,207 sockeye salmon as of July 22. The escapement into Bear River is ahead of

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Table 27. (page 18 of 26)

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schedule with 34,251 adult sockeye salmon post July 15. The July 16-August 5 escapement goal of 40,000-50,000 sockeye salmon will be exceeded at the present escapement rate.

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EMERGENCY ORDER NO. 4-FS-M-CB-51-97

EFFECTIVE DATE: 11:59 P.M. July 24, 1997

EXPLANATION:

This emergency order allows continuous commercial salmon fishing until 12:00 midnight Thursday, July 31 in the Nelson Lagoon Section.

JUSTIFICATION:

The sockeye escapement through the Sapsuk River weir is approximately 167,000 fish excluding jacks, through July 22. This is over the 100,000 to 150,000 season escapement goal range for this system. More fishing time is needed to harvest the resource.

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EMERGENCY ORDER NO. 4-FS-M-PM-22-97

EFFECTIVE DATE: 6:00 p.m. July 24, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Thursday, July 24 until 6:00 a.m. Monday, July 28. This emergency order also extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 p.m. Thursday, July 24 until 6:00 a.m. Monday, July 28. The commercial salmon fishing period in the Port Moller Bight Section is also extended from 6:00 p.m. Thursday, July 24 until 6:00 a.m. Monday, July 28.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Thursday, July 24 until 6:00 a.m. Monday, July 28. The escapement into Ilnik River past the weir was over 77,000 sockeye salmon, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks. The escapement into Bear River as of July 23 is 197,721 sockeye salmon. The escapement into Bear River is ahead of schedule with 35,877 adult sockeye salmon post July 15. The July 16-August 5 goal of 40,000-50,000 sockeye will be exceeded at the present escapement rate.

This emergency order extends the commercial salmon fishing period in that portion of the Bear River Section located southwest of a point 2 nautical miles southwest of Sandy River from 6:00 p.m. Thursday, July 24 until 6:00 a.m. Monday, July 28. The remaining northern portion of the Bear River Section will remain closed to commercial salmon fishing as stated in Emergency Order NO. 4-FS-M-PM-10-97 until further notice. The Three Hills Section, which has been closed to commercial salmon fishing since 6:00 p.m. Saturday, July 5 will remain closed as stated in Emergency Order NO. 4-FS-M-PM-11-97 until further notice.

The season sockeye escapement into Sandy River as of July 23 is 33,376 fish, below the 40,000 minimum escapement goal. Daily escapement into Sandy River is weak but remaining steady. Between 10-15% of the Sandy River seasons escapement has occurred in the past 4 days. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing

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Table 27. (page 19 of 26)

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from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5 and will remain in effect until further notice.

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EMERGENCY ORDER NO. 4-FS-M-PM-23-97  
EFFECTIVE DATE: 6:00 p.m. July 28, 1997

EXPLANATION:

This emergency order reopens the commercial salmon fishing period in that portion of the Bear River Section located northeast of a point 2 nautical miles southwest of the stream terminus at the ocean shoreline of Sandy River from 6:00 p.m. Monday, July 28 until September 30, 1997. The Three Hills Section will also reopen to commercial salmon fishing at 6:00 p.m. Monday, July 28 until 6:00 p.m. Thursday, July 31.

JUSTIFICATION:

This emergency order reopens the commercial salmon fishing period in that portion of the Bear River Section located northeast of a point 2 nautical miles southwest of Sandy River from 6:00 p.m. Monday, July 28 until September 30. The Three Hills Section will also reopen to commercial salmon fishing at 6:00 p.m. Monday, July 28 until 6:00 p.m. Thursday, July 31.

The season sockeye escapement into Sandy River as of July 25 is about 35,000 fish, below the 40,000 minimum escapement goal. Daily escapement into Sandy River has declined indicating the run is over. Time and area closures in the Bear River and Three Hills Sections have been instituted since June 23 to protect Sandy River sockeye salmon. The area closed to commercial salmon fishing from 2 nautical miles southwest of Sandy River to Cape Seniavin and the Three Hills Section, encompasses about 33 nautical miles and has been in effect since 6:00 p.m. Saturday, July 5. The Sandy River final escapement goal ends on July 25. Since the Sandy River sockeye run is over, the closed area around Sandy River can be reduced to include only those waters described in the regulation book.

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EMERGENCY ORDER NO. 4-FS-M-PM-24-97  
EFFECTIVE DATE: 6:00 p.m. July 30, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, July 30 until 6:00 p.m. Thursday, July 31.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section 24 hours from 6:00 p.m. Thursday, July 30 until 6:00 p.m. Thursday, July 31. The escapement into Ilnik River past the weir was over 77,000 sockeye salmon, exceeding the July 15 season ending goal of 40,000-60,000 sockeye. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks. The escapement into Bear River as of July 29 is 212,186 sockeye salmon. The escapement into Bear River is ahead of schedule with 44,756 adult sockeye salmon post July 15. The July 16-August 5 goal of 40,000-50,000 sockeye will be exceeded at the present escapement rate.

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Table 27. (page 20 of 26)

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EMERGENCY ORDER NO. 4-FS-M-PM-25-97

EFFECTIVE DATE: 6:00 p.m. July 31, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Thursday, July 31 until 6:00 p.m. Saturday, August 2. The commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections is also extended from 6:00 p.m. Thursday, July 31 until 6:00 p.m. Saturday, August 2.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik, Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m. Thursday, July 31 until 6:00 p.m. Saturday, August 2. The cumulative sockeye escapement into Bear River as of July 30 is 214,201 fish. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks until about August 15 when Ilnik Lagoon coho stocks will be take precedent in the Ilnik Section. The July 16-August 5 interim goal of 40,000-50,000 sockeye will be exceeded at the present escapement rate since the adult sockeye escapement since July 16 is over 46,000 fish. Escapement into Bear River is ahead of schedule and it is appropriate at this time to extend the Ilnik, Bear River, Three Hills, and Port Moller Bight Sections until 6:00 p.m. Saturday, August 2.

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EMERGENCY ORDER NO. 4-FS-M-PM-26-97

EFFECTIVE DATE: 6:00 p.m. August 2, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Saturday, August 2 until 6:00 a.m. Monday, August 4. The commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections is also extended from 6:00 p.m. Saturday, August 2 until 6:00 a.m. Monday, August 4.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik, Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m. Saturday, August 2 until 6:00 a.m. Monday, August 4. The cumulative sockeye escapement into Bear River as of August 1 is 216,324 fish. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks until about August 15 when Ilnik Lagoon coho stocks will be take precedent in the Ilnik Section. The July 16-August 5 interim goal of 40,000-50,000 sockeye will be exceeded at the present escapement rate since the adult sockeye escapement since July 16 is over 47,000 fish. Escapement into Bear River is ahead of schedule and it is appropriate at this time to extend the Ilnik, Bear River, Three Hills, and Port Moller Bight Sections until 6:00 a.m. Monday, August 4.

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EMERGENCY ORDER NO. 4-FS-M-PM-27-97

EFFECTIVE DATE: 6:00 p.m. August 6, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, August 6 until 6:00 p.m. Thursday, August 7.

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-Continued-

Table 27. (page 21 of 26)

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JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, August 6 until 6:00 p.m. Thursday, August 7. The cumulative sockeye escapement into Bear River as of August 5 is 224,489 fish. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks until about August 15 when Ilnik Lagoon coho stocks will be taken precedent in the Ilnik Section. The July 16-August 5 interim goal of 40,000-50,000 sockeye is exceeded since the adult sockeye escapement since July 16 is 52,961 fish. Escapement into Bear River is ahead of schedule and it is appropriate at this time to extend the Ilnik Section to commercial salmon fishing 24 hours from 6:00 p.m. Wednesday, August 6 until 6:00 p.m. Thursday, August 7.

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EMERGENCY ORDER NO. 4-FS-M-CB-61-97  
EFFECTIVE DATE: 6:00 P.M. August 7, 1997

EXPLANATION:

This emergency order extends the weekly fishing period 24 hours until 6:00 p.m. Friday during the week of August 3-9 in the Izembek-Moffet Bay, Swanson Lagoon, and Uria Bay Sections.

JUSTIFICATION:

Weather has prevented fishing in the Izembek-Moffet Bay, Swanson Lagoon, and Uria Bay Sections during the past week. The weather forecast is for good fishing weather on August 8. A 24 hour extension will enable fishermen to make up some of the fishing time lost to weather.

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EMERGENCY ORDER NO. 4-FS-M-PM-28-97  
EFFECTIVE DATE: 6:00 a.m. August 11, 1997

EXPLANATION:

This emergency order closes the commercial salmon fishing period in the Ilnik Section from 6:00 a.m. Monday, August 11 until further notice. The commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections is closed from 6:00 a.m. Monday, August 11 until further notice.

JUSTIFICATION:

This emergency order closes the commercial salmon fishing period in the Ilnik, Bear River, Three Hills, and Port Moller Bight Sections from 6:00 a.m. Monday, August 11 until further notice. The cumulative sockeye escapement into Bear River as of 7:30 p.m. August 10 is about 239,000 fish. Post July 15, as long as the escapement goal is met at Ilnik River, the Ilnik Section is managed on the basis of Bear River sockeye stocks until about August 15 when Ilnik Lagoon coho stocks will be taken precedent in the Ilnik Section. The post August 5 interim goal of 50,000-75,000 sockeye will be not be met at the present escapement rate. The cumulative adult sockeye escapement into Bear River since August 5 (including the 2,961 sockeye salmon carryover from the previous period) is about 15,600 sockeye. The daily escapement into Bear River is improving but is not at a level to warrant a commercial fishery. The Bear River, Three Hills, Ilnik, and Port Moller Bight Sections have been closed to commercial salmon fishing since 6:00 p.m. Thursday, August 7.

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-Continued-

Table 27. (page 22 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-68-97  
EFFECTIVE DATE: 6:00 p.m. August 20, 1997

EXPLANATION:

This emergency order extends fishing time an additional 24 hours until 6:00 p.m. Thursday during the week of August 17-23 in the Inner Port Heiden Section.

JUSTIFICATION:

No fishing took place at Port Heiden on Monday due to mechanical problems on the tender. A 24 hour extension will enable fishermen to make up for fishing time lost.

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EMERGENCY ORDER NO. 4-FS-M-PM-29-97  
EFFECTIVE DATE: 6:00 p.m. August 21, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m.. Thursday, August 21 until further notice.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m. Thursday, August 21 until further notice. The cumulative sockeye escapement into Bear River as of August 21 is 321,908 fish. The post August 5 interim goal is 50,000-75,000 sockeye, with an escapement of 92,006 adult sockeye during this period. Daily sockeye escapement into Bear River has averaged about 4,000-5,000 sockeye per day since August 16. It is appropriate at this time to extend the Bear River, Three Hills, and Port Moller Bight Sections to commercial salmon fishing until further notice.

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EMERGENCY ORDER NO. 4-FS-M-PM-30-97  
EFFECTIVE DATE: 6:00 p.m. August 21, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m.. Thursday, August 21 until further notice.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Bear River, Three Hills, and Port Moller Bight Sections from 6:00 p.m. Thursday, August 21 until further notice. The cumulative sockeye escapement into Bear River as of August 21 is 321,908 fish. The post August 5 interim goal is 50,000-75,000 sockeye, with an escapement of 92,006 adult sockeye during this period. Daily sockeye escapement into Bear River has averaged about 4,000-5,000 sockeye per day since August 16. It is appropriate at this time to extend the Bear River, Three Hills, and Port Moller Bight Sections to commercial salmon fishing until further notice.

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Table 27. (page 23 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-73-97

EFFECTIVE DATE: 6:00 p.m. August 27, 1997

JUSTIFICATION:

No fishing took place at Port Heiden on Monday due to mechanical problems on the tender. A 24 hour extension will enable fishermen to make up for fishing time lost.

JUSTIFICATION:

The Inner Port Heiden coho salmon catches on August 25 totaled 3,368 fish, from 14 deliveries. This is a strong catch and indicates that the run is strong. Effort was light during the previous week and there should be a substantial number of coho in the Meshik River. It has not been possible to do a aerial survey to date. A 30 hour extension will enable the fishermen to take advantage of the evening tides on both Wednesday and Thursday. Previous experience has shown that the Port Heiden fishery is not as efficient at harvesting coho salmon as are some other fisheries and there should be no problem reaching the desired escapement level this year while allowing four full days of fishing this week.

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EMERGENCY ORDER NO. 4-FS-M-CB-74-97

EFFECTIVE DATE: 12:00 Midnight August 27, 1997

EXPLANATION:

This emergency order extends commercial fishing time for approximately an additional 24 hours until 11:59 midnight Friday, during the week of August 24-30.

JUSTIFICATION:

A recent survey indicated that approximately 3,500 coho salmon have escaped into the Sapsuk River. The harvest for August 26 was over 4,000 coho. Under similar circumstance in the past, the desired season escapement level of 20,000 fish has been reached or exceeded while allowing the fishery an extra 24 hours at this time.

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EMERGENCY ORDER NO. 4-FS-M-PM-31-97

EFFECTIVE DATE: 6:00 a.m. August 27, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, August 27 until 6:00 p.m. Thursday, August 28.

JUSTIFICATION:

This emergency order extends the commercial salmon fishing period in the Ilnik Section from 6:00 p.m. Wednesday, August 27 until 6:00 p.m. Thursday, August 28. The Ilnik Section is managed on the basis of Ilnik Lagoon coho salmon stocks. Effort in the Ilnik Section has been hindered by high winds, and it is appropriate at this time to extend the Ilnik Section 24 hours until 6:00 p.m. Thursday, August 28 to provide commercial fishers opportunity to harvest Ilnik Lagoon stocks while processing capability is in the area. It appears that after this week, effort levels in the Ilnik Section will be minimal or non-existent due to lack of tenders and processors in the area. It is likely that September 5 will be the last day fish will be processed on the North Peninsula.

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Table 27. (page 24 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-75-97  
EFFECTIVE DATE: 9:00 a.m. September 1, 1997

EXPLANATION:

This emergency order establishes a 9:00 a.m. September 1 until 8:00 p.m. September 4 commercial salmon fishing period in the Northwestern, Unimak, Southwestern, and South Central districts.

The closed waters of Thin Point Cove are reduced to include only those waters within 1,000 yards of the Thin Point Lagoon terminus and within 500 yards of the other salmon stream emptying into Thin Point Cove.

The closed waters of Swanson Lagoon are expanded to include all waters of the lagoon and its outlet channel during September 1-4.

The commercial salmon fishing season in the Northwestern District is reopened during September 1 - 30.

JUSTIFICATION:

Coho are now entering streams in the western portion of the South Peninsula and in the Northwestern District and fishing time is needed for fishermen to harvest some of them. The season also needs to be reopened in the Northwestern District to allow coho harvest as the season closed August 10 in much of the district.

More fishing area is needed before Thin Point Cove coho salmon can be harvested. Thin Point Cove is the largest coho salmon producing system on the South Peninsula.

Swanson Lagoon and its outlet channel should remain closed to fishing at this time to protect sockeye salmon. The sockeye salmon escapement is below the desired level.

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EMERGENCY ORDER NO. 4-FS-M-CB-76-97  
EFFECTIVE DATE: 6:00 p.m. September 3, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Thursday, during the week of August 31- September 6 in the Inner Port Heiden Section.

JUSTIFICATION:

The Inner Port Heiden coho salmon harvest totaled approximately 1,800 fish on September 2. This is a good harvest for this time of year and indicates that the run has strength. Effort level is light consisting of only nine units of gear which is about two thirds the normal level. Another 24 hours of fishing time can be allowed at this time without endangering the resource.

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Table 27. (page 25 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-77-97  
EFFECTIVE DATE: 12:00 Midnight September 3, 1997

EXPLANATION:

This emergency order extends commercial fishing time for approximately an additional 24 hours until 11:59 midnight Thursday, during the week of August 31-September 6.

JUSTIFICATION:

The Sapsuk River is too murky for an escapement survey. There will not be a market for Nelson Lagoon coho after September 4. Earlier coho runs along the north side of the Alaska Peninsula and the east side of Bristol Bay seem to be lasting longer than normal. The effort level in Nelson Lagoon is only about half of normal, and there are reports of a large increase in coho abundance during today's fishery. A 24 hour extension can be allowed under the present circumstance while obtaining a healthy coho salmon escapement. -----

EMERGENCY ORDER NO. 4-FS-M-CB-79-97  
EFFECTIVE DATE: 8:00 p.m. September 4, 1997

EXPLANATION:

This emergency order extends the commercial fishing period 72 hours in the Northwestern district until 8:00 p.m. September 7.

JUSTIFICATION:

No fishing, largely due to strong northwest winds, has taken place during the present fishing period in the Northwestern District. Fishermen must clean and ice their fish and transport them to King Cove. A 72 hour extension will give fishermen the opportunity to harvest salmon and test run strength. -----

EMERGENCY ORDER NO. 4-FS-M-CB-80-97  
EFFECTIVE DATE: 6:00 p.m. September 4, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 24 hours until 6:00 p.m. Friday, during the week of August 31- September 6 in the Inner Port Heiden Section.

JUSTIFICATION:

Fishermen are losing fishing time due to high winds and effort level is only about two thirds the normal level. A 24 hour extension will allow fishermen to recover time lost to weather.

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Table 27. (page 26 of 26)

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EMERGENCY ORDER NO. 4-FS-M-CB-81-97  
EFFECTIVE DATE: 9:00 p.m. September 7, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 96 hours until 8:00 p.m. Thursday September 11 in the Northwestern District and establishes a 9:00 a.m. September 8 until 8:00 p.m. September 11 commercial salmon fishing period in the Cold Bay, Thin Point, Morzhovoi Bay, and Ikatan Bay Sections and in the Unimak District.

JUSTIFICATION:

Virtually no fishing has taken place in the Northwestern District due to weather and no fishing is expected to occur prior to September 8. When fishing does occur, it is anticipated to be light. Intensive fishing has occurred at Thin Point Cove, the major South Peninsula coho system and the escapement is on target for this date. The Southwestern District east of Cold Bay and the South Central District have small coho runs and no more fishing should be directed at Volcano River chum salmon.

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EMERGENCY ORDER NO. 4-FS-M-CB-83-97  
EFFECTIVE DATE: 8:00 p.m. September 11, 1997

EXPLANATION:

This emergency order extends the commercial salmon fishing period 96 hours until 8:00 p.m. September 15 in the Uria bay, Swanson Lagoon, and Izembek-Moffet Bay Sections.

JUSTIFICATION:

Virtually no fishing has taken place in the Uria bay, Swanson Lagoon, and Izembek-Moffet Bay Sections due to weather or the fleet fishing elsewhere. Catching efficiency is reduced by the fisherman having to clean and ice their fish and then transporting them over 80 miles to King Cove.

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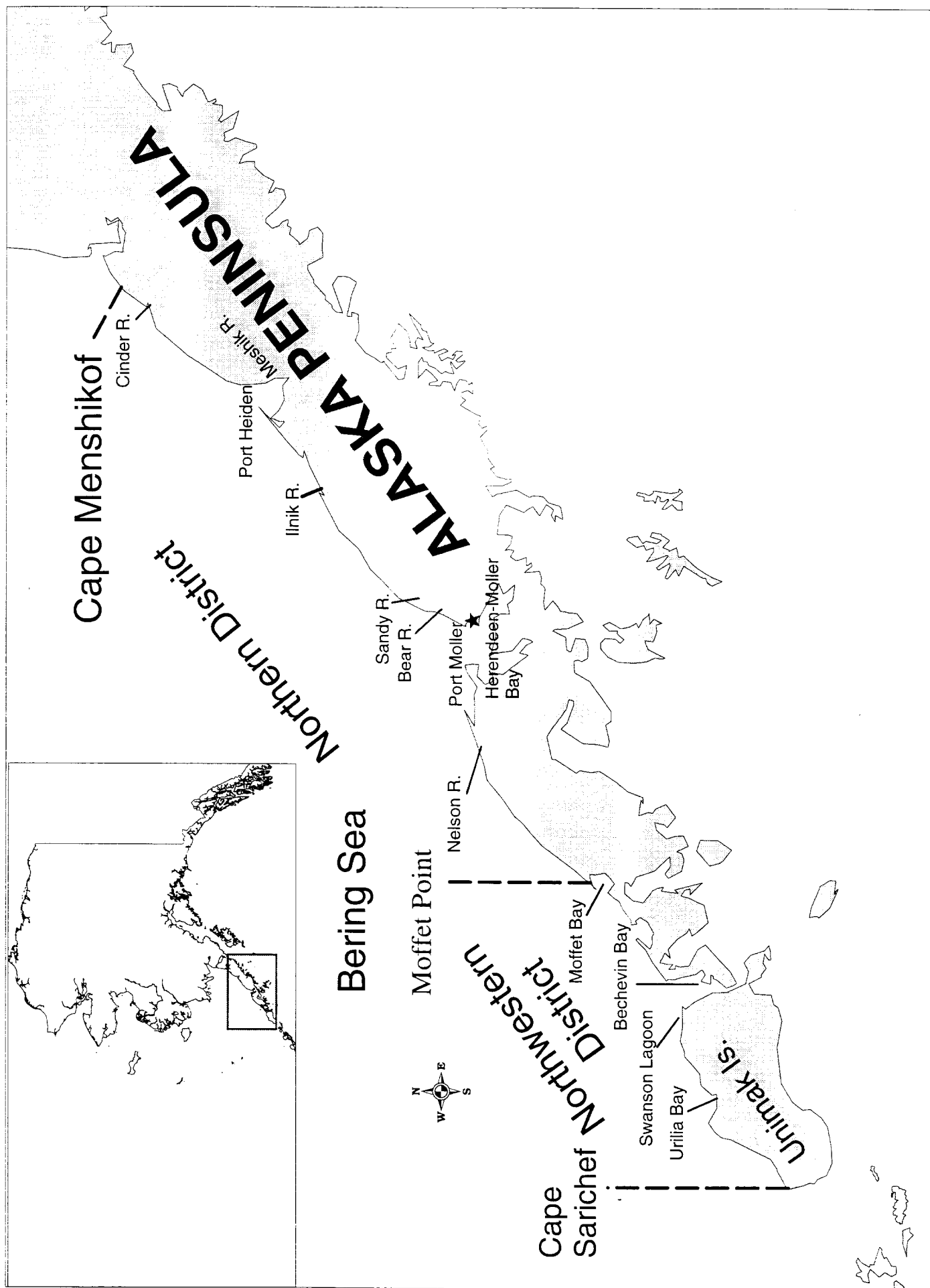


Figure 1. North and South Alaska Peninsula with North Peninsula districts depicted.

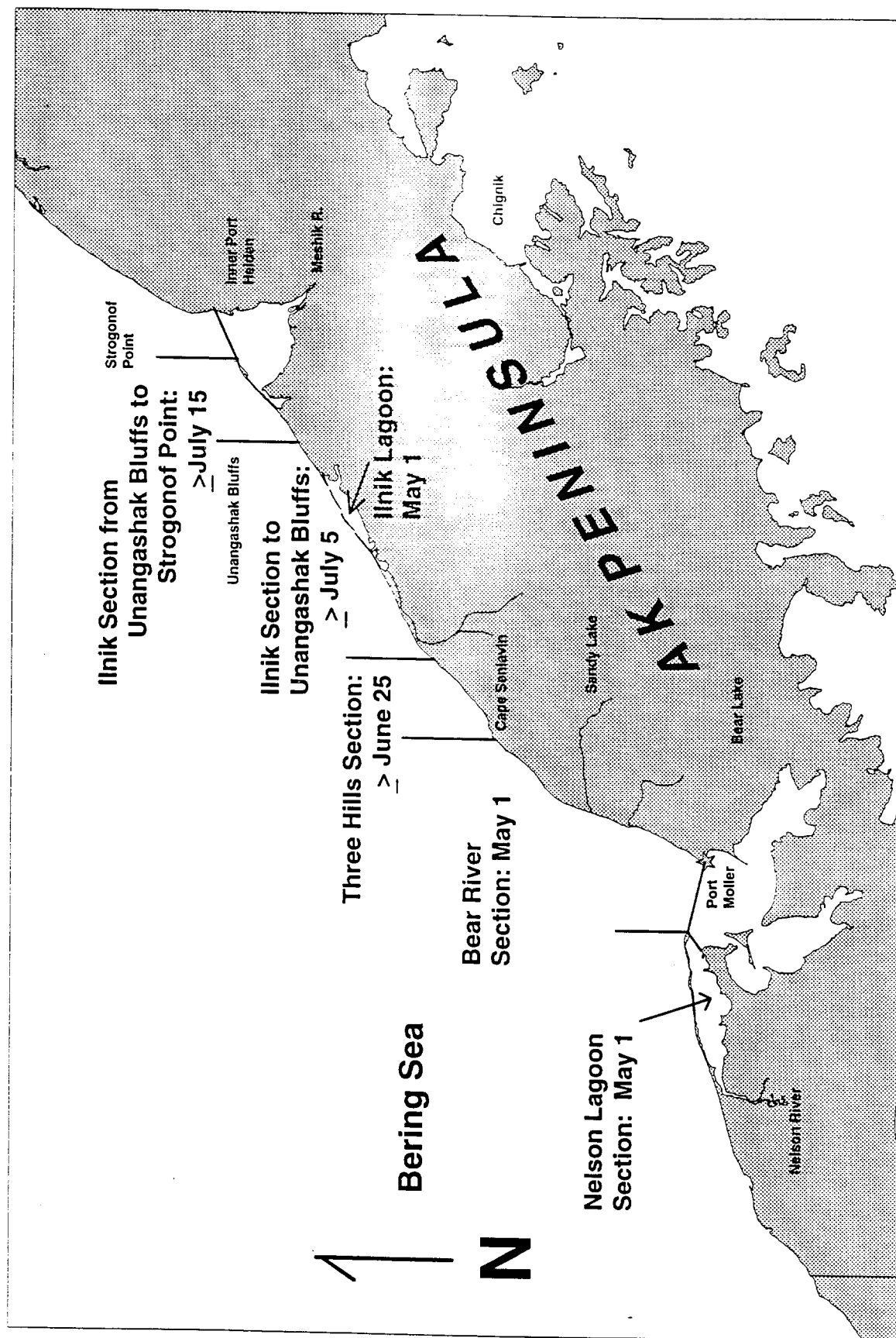


Figure 2. Nelson Lagoon to Stroganof Point reach, with district sections, commercial salmon season opening dates, and major sockeye salmon systems depicted.

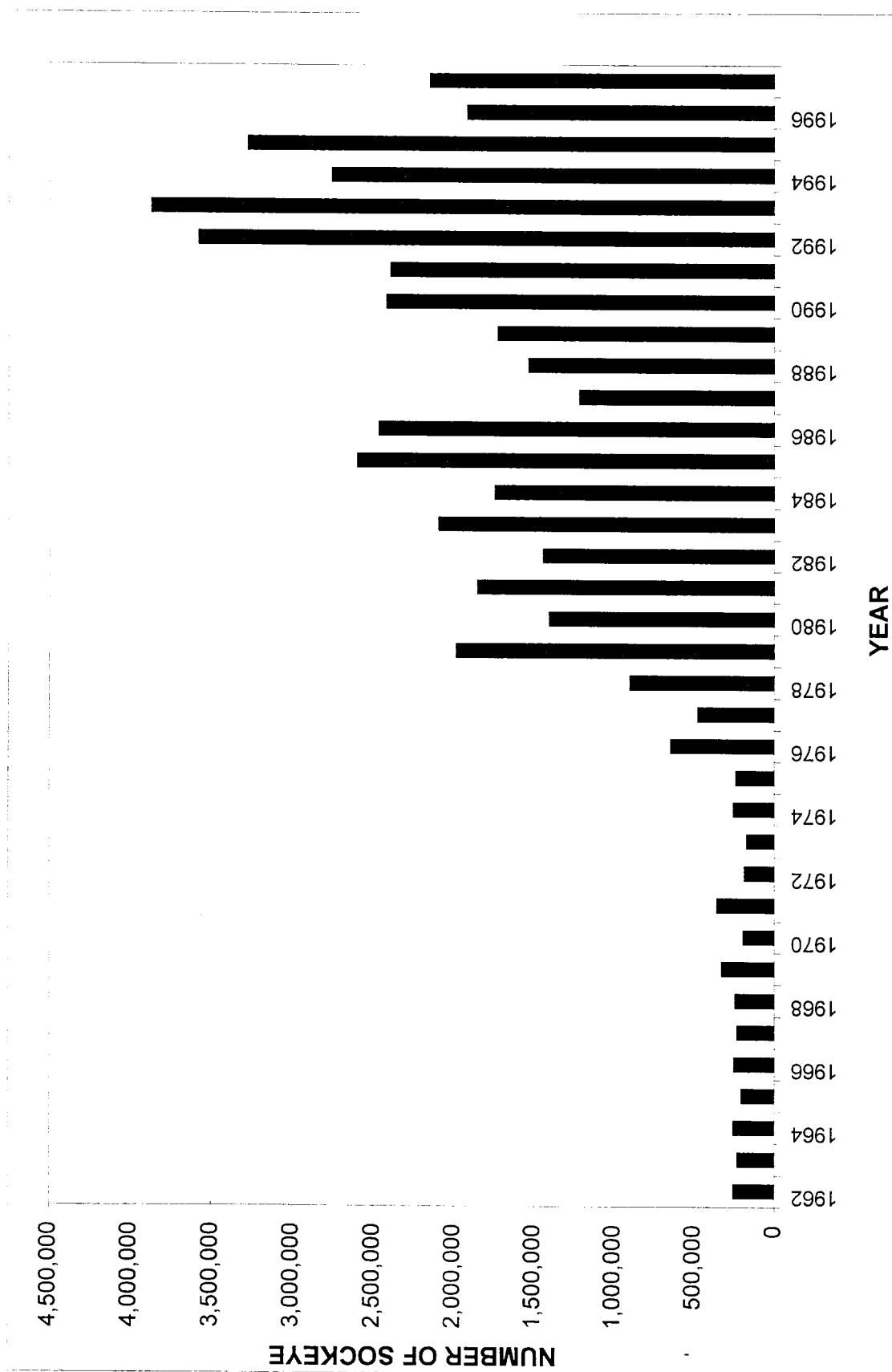


Figure 3. North Peninsula commercial sockeye salmon harvest, 1962-97.

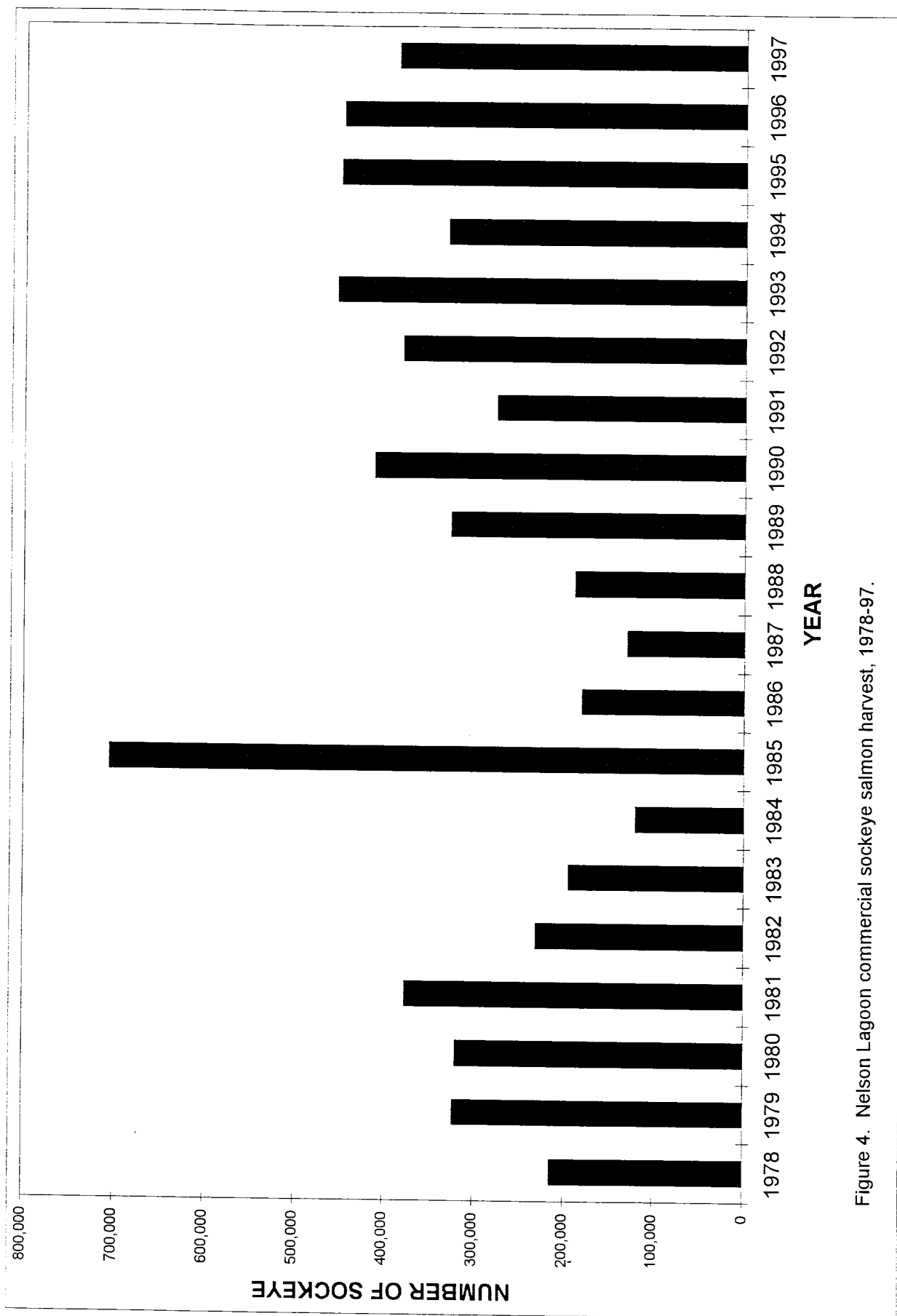


Figure 4. Nelson Lagoon commercial sockeye salmon harvest, 1978-97.

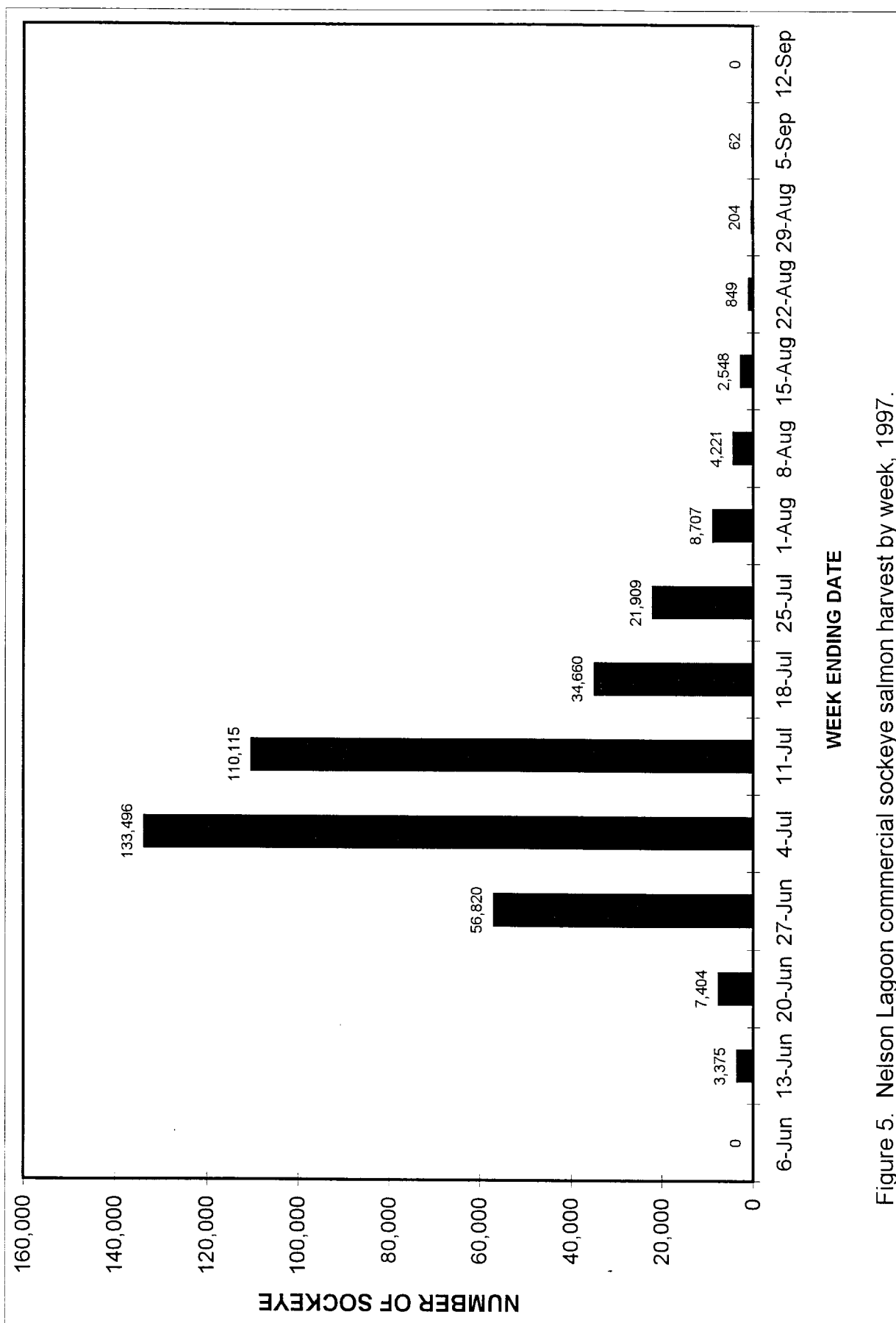


Figure 5. Nelson Lagoon commercial sockeye salmon harvest by week, 1997.

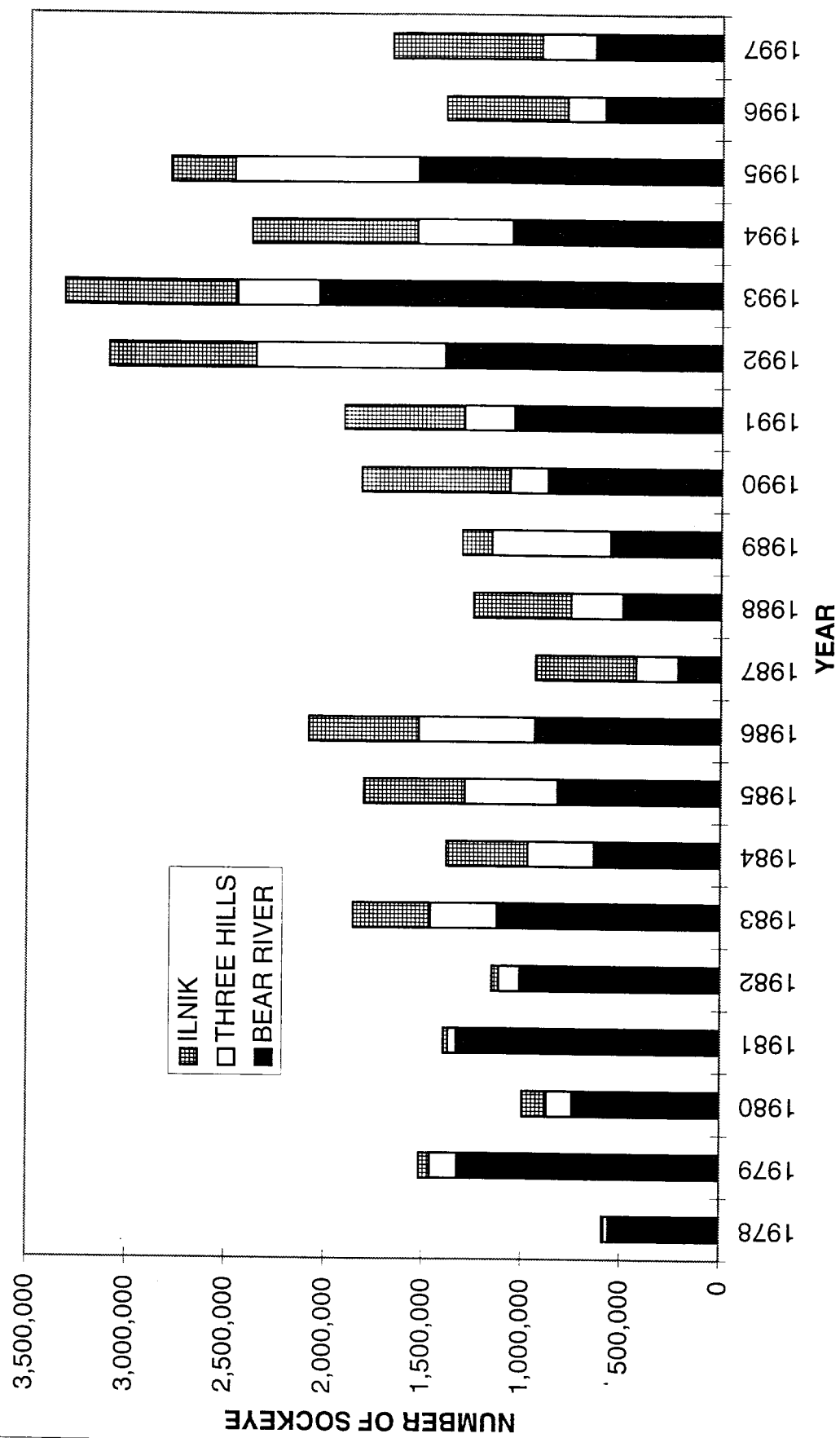


Figure 6. Bear River, Three Hills, and Ilnik Sections commercial sockeye salmon harvest, 1978-97.

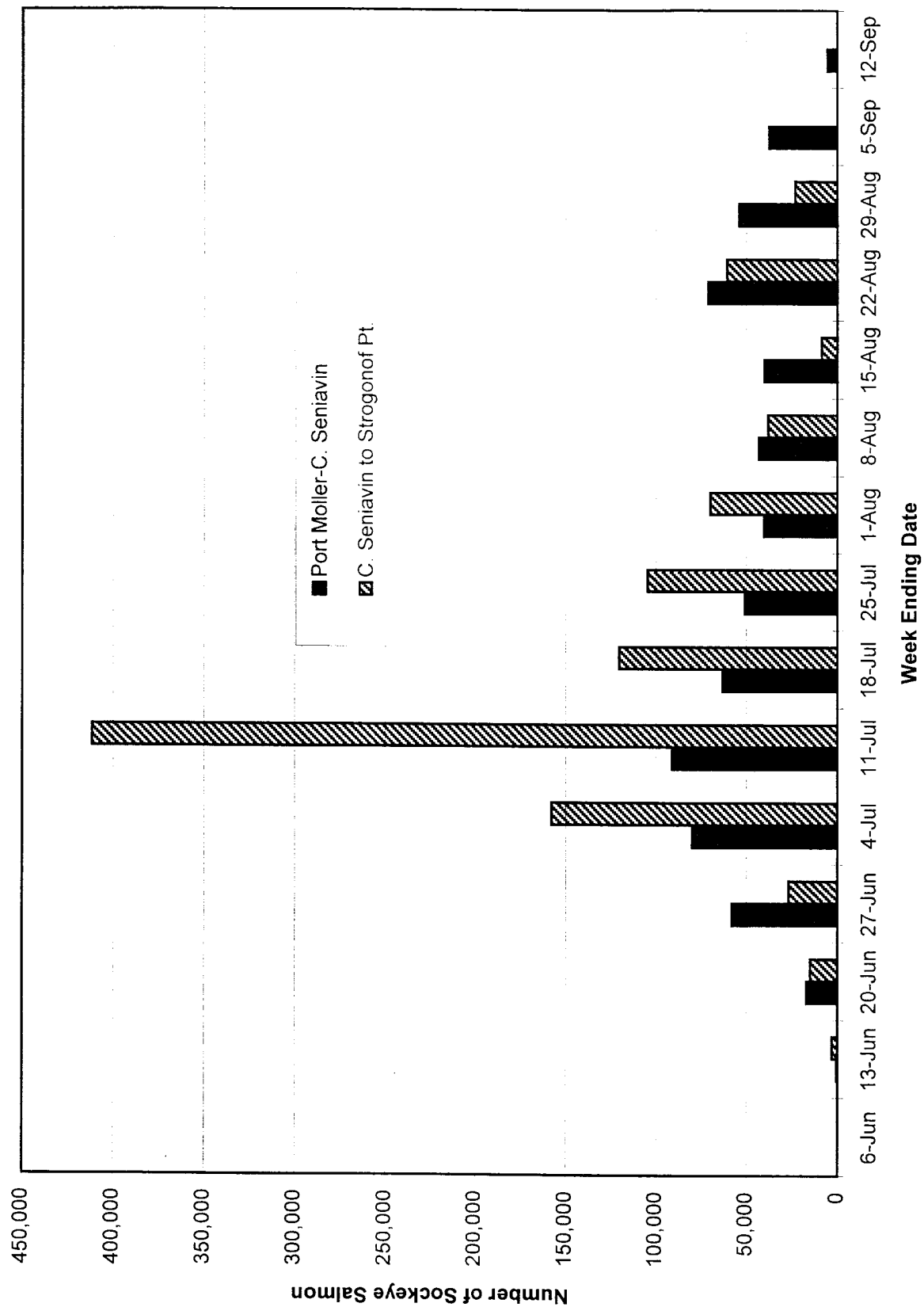


Figure 7. Port Moller to Strogonof Point sockeye salmon catch by week, 1997.



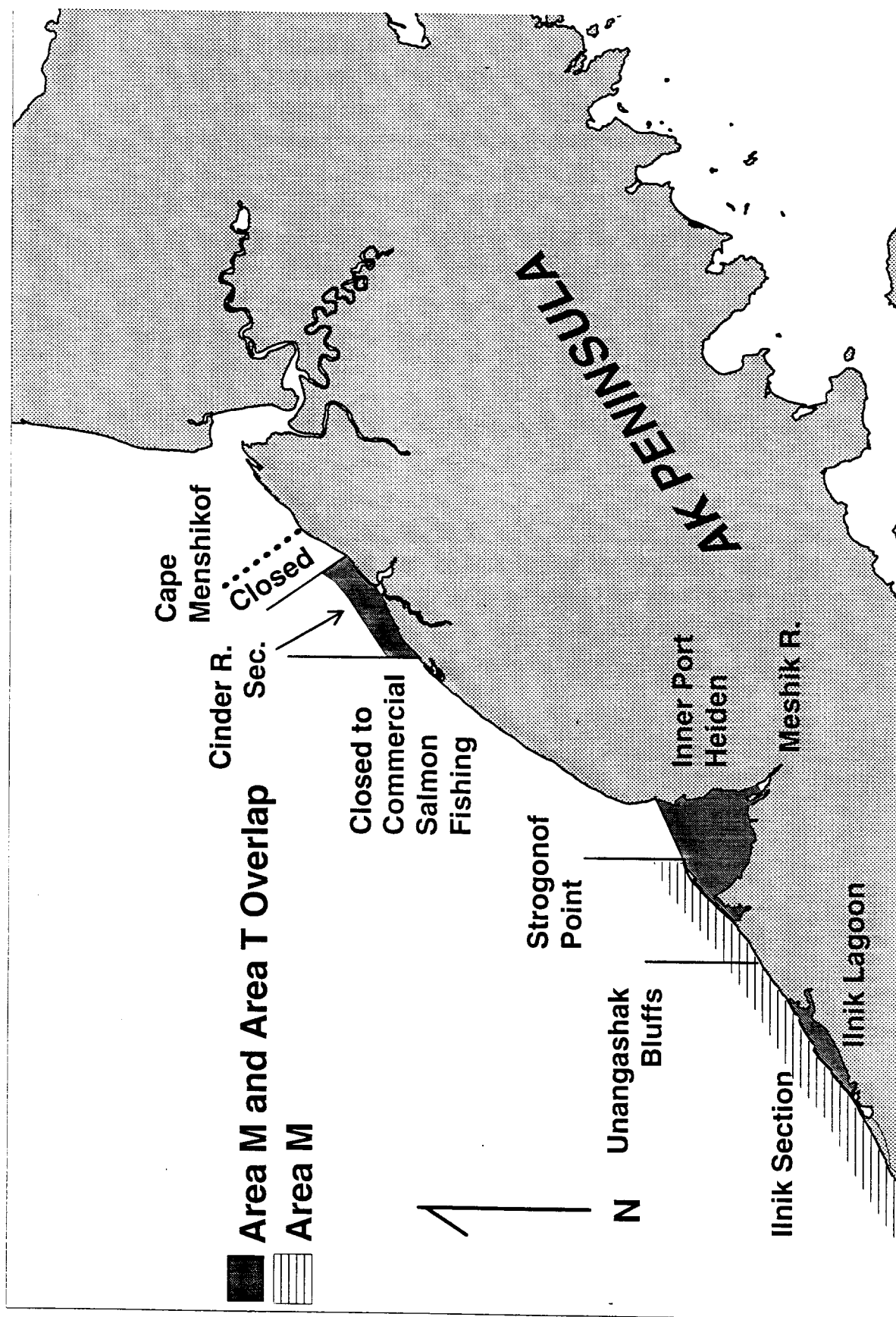


Figure 8. Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

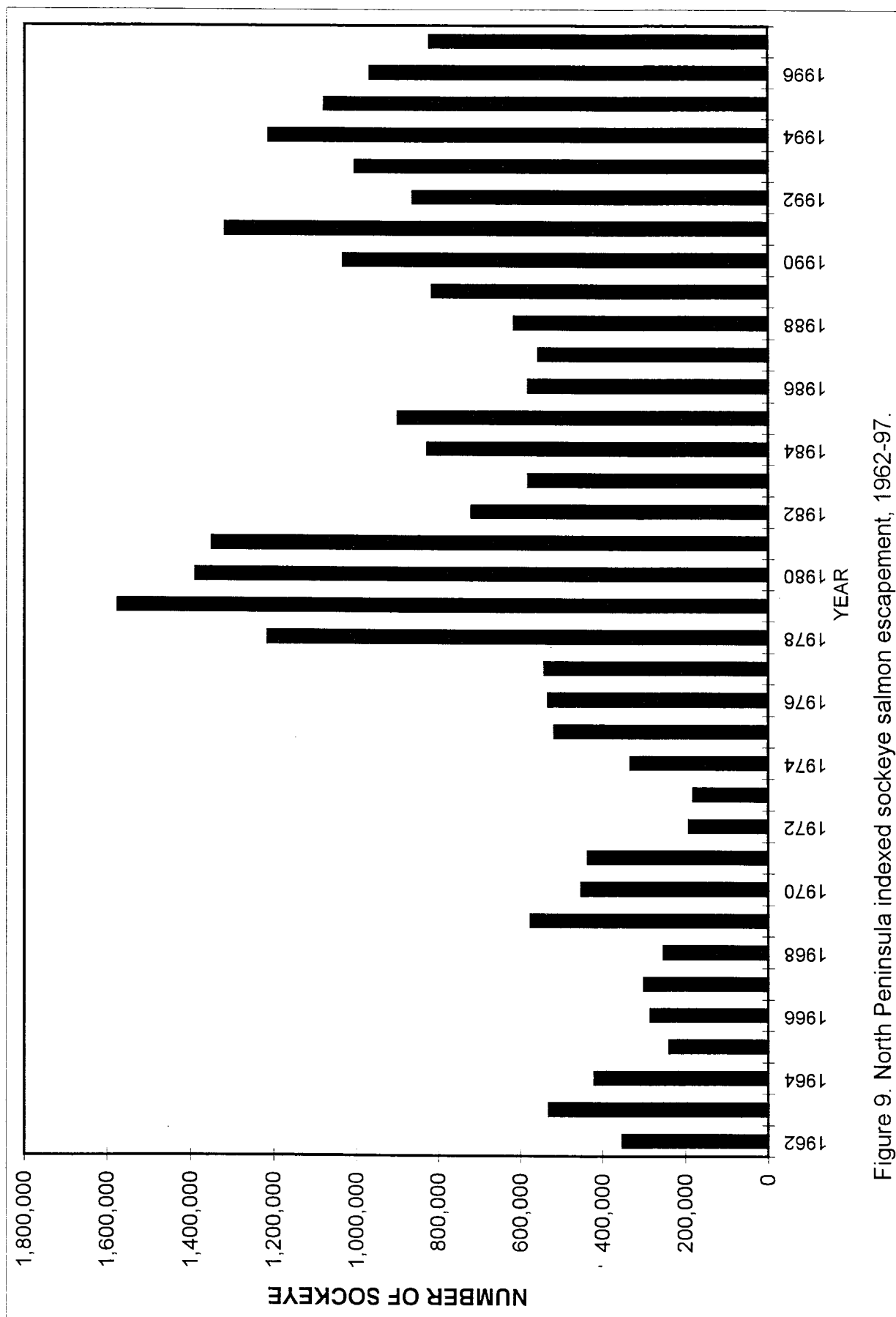


Figure 9. North Peninsula indexed sockeye salmon escapement, 1962-97.

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